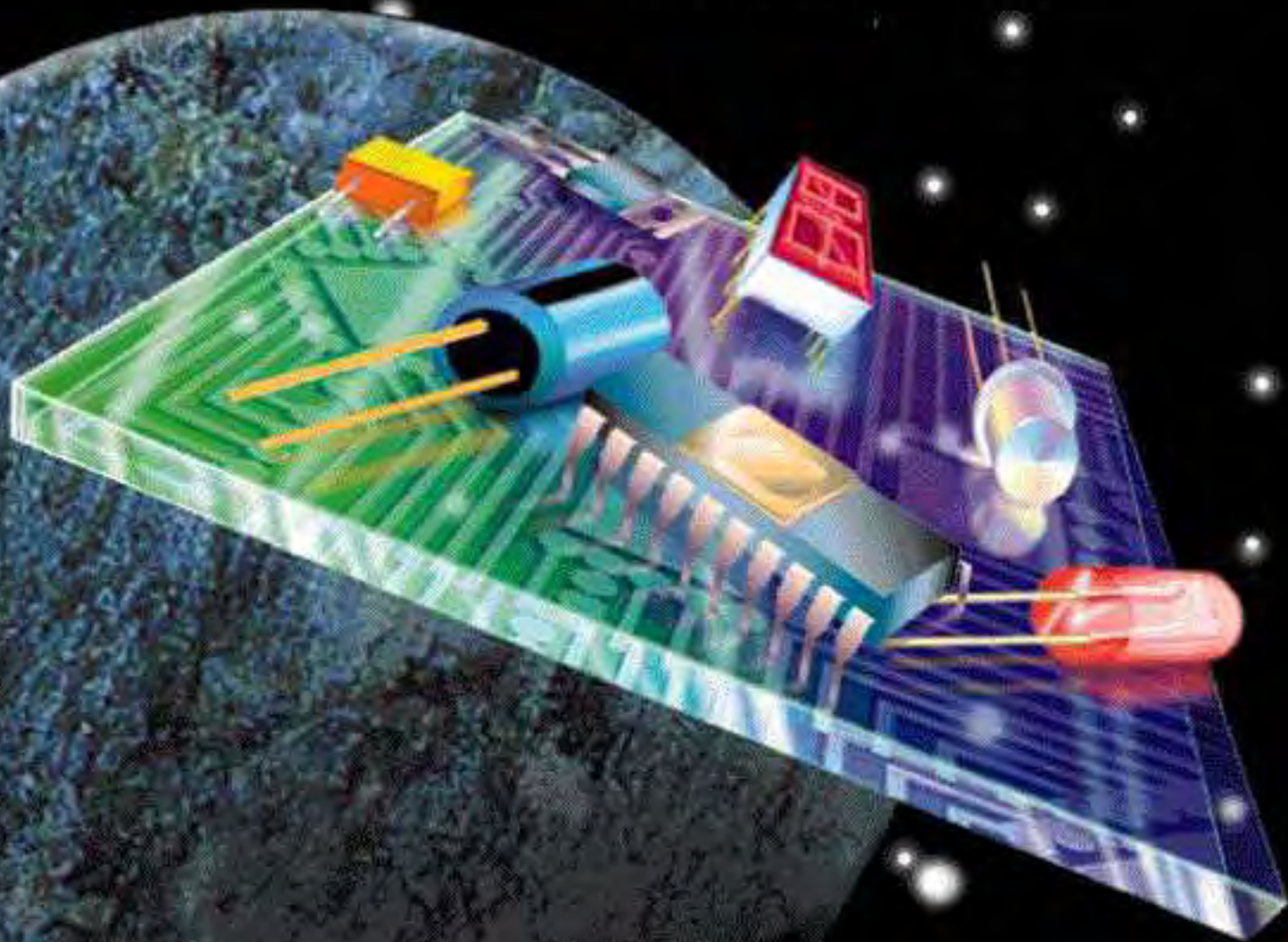


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NATIONAL SEMI SUPER SPECIALS

LM555CN

8 Pin dip



.15¢ Ea.

LM324N

14 Pin dip



.15¢ Ea.

LM741N

8 Pin dip



.15¢ Ea.

LM393N

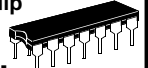
8 Pin Dip



.15¢ Ea.

LM339N

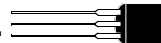
14 Pin dip



.15¢ Ea.

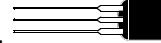
2N3904

.0295¢ Ea.



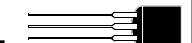
2N3906

.0295¢ Ea.



2N4401

.0295¢ Ea.



MINIMUM QUANTITY 1000 PCS

BC SERIES TRANSISTOR SPECIALS

BC212	.110 Ea./M
BC308AX	.018 Ea./M
BC327-25	.030 Ea./M
BC327-40	.030 Ea./M
BC328-16	.030 Ea./M
BC337-40	.042 Ea./M
BC338	.038 Ea./M
BC338-25	.040 Ea./M
BC338-40	.040 Ea./M
BC449	.200 Ea./M
BC546B	.022 Ea./M

BC547B	.020 Ea./M
BC547C	.022 Ea./M
BC548	.020 Ea./M
BC548A	.020 Ea./M
BC548B	.021 Ea./M
BC548C	.022 Ea./M
BC556B	.020 Ea./M
BC557C	.025 Ea./M
BC558A	.025 Ea./M
BC558B	.025 Ea./M
BC558C	.027 Ea./M

(SMD) SOT-23 T/R	
BC808-25	.045 Ea./M
BC808-40	.040 Ea./M
BC817-25	.040 Ea./M
BC817-40	.040 Ea./M
BC847-B	.040 Ea./M
BC848-C	.040 Ea./M
BC856-C	.040 Ea./M
BC857-A	.040 Ea./M
BC858-B	.040 Ea./M
BC858-C	.040 Ea./M



**HC-49/U
CRYSTALS**

Freq MHZ	Par. /Ser.	Cap.	Stock #	Price Ea./M
3.579545	Par	17pf	36683	.35
3.6864	Ser.	N/A	37361	.25
4.000	Ser.	N/A	37363	.28
4.000	Par.	20pf	37364	.30
4.9152	Ser.	N/A	37366	.20
4.9152	Par.	20pf	37367	.20
6.000	Ser.	N/A	37368	.25
6.000	Par.	20pf	37369	.25
7.296	Par.	20pf	37370	.265
8.000	Ser.	N/A	37371	.27
8.000	Par.	20pf	36684	.275
10.000	Par.	20pf	37376	.30
10.000	Ser.	N/A	37375	.32
11.0592	Ser.	N/A	37377	.27
11.0592	Par.	20pf	36680	.27
12.000	Ser.	N/A	37342	.27
12.000	Par.	20pf	36681	.275
16.000	Ser.	N/A	37348	.16
16.000	Par.	20pf	37349	.165
20.000	Ser.	N/A	37354	.30
20.000	Par.	20pf	37355	.30
24.000	Par.	20pf	37359	.26
32.000	Par.	20pf	37340	.25

AUDIO TRANSDUCERS

EAF-14R06CW



DC Coil resistance = 15.5 ohms
MFG MAT House # 25110128
Stock # 36500 Price Ea./M .85

= QMB-06



DC Coil resistance = 55 ohms
MFG P.U.I. P/N AT-02
Stock # 36448 Price Ea./M .35

QMB-105PX



DC Coil resistance = 50 ohms
Ultra thin 12 x 5.4mm. Output 70dB MIN.
MFG STAR P/N QMB-105PX
Stock # 24698 Price Ea./M .30

**130V 20MM
VARISTOR**



MFG MARKING Z131-20ULC
AS PICTURED = TO HARRIS V130LA20A
CUT FORMED LEADS FOR PCMT
Stock # 21601 Price Ea./10M .12

RADIAL MONO CAPACITORS



100pf 100V / .2 FORM LS T/R

MFG CORN P/N CRC215X7R101K10
Stock # 11248 Price Ea./M .038

330pf 50V / COG / .2 FLS BULK

MFG MURATA P/N RPE122COG331J50
Stock # 13151 Price Ea./M .038

.1uf 50V / .2 LS BULK

MFG MURATA P/N RPE132F104Z50V
Stock # 36460 Price Ea./5M .03

.1uf 50V / .1 LS BULK

MFG AVX P/N SR145C104KAA310
Stock # 36759 Price Ea./M .042

.22uf 50V / .2 LS BULK

MFG AVX P/N SR305E224MAA
Stock # 34738 Price Ea./M .035

.68uf 50V / .2 CRIMP LS BULK

MFG EXCL P/N R20Z5U684M5H505
Stock # 17669 Price Ea./M .065

1uf 50V / .2 LS T/R

MFG KEME P/N C333C105Z5UCA91
Stock # 31173 Price Ea./M .10

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IRFP150, MOSFET 100 VOLT, 41 AMP N-CHANNEL, TO-3P

MFG HARRIS  P/N IRFP150
Stock # 36292 Price Ea./M Call

IRFD123 MOSFET 60 VOLT, 1.1 AMP N-CHANNEL, TO-250

MFG MOT  P/N IRFD123
Stock # 33061 Price Ea./M .30

TIP31A

NPN 3 AMP 30 VOLT POWER TRANSISTOR
TO-220 PKG

MFG RCA  P/N TIP31A
Stock # 36509 Price Ea./M .35

2N5415

PNP 1 AMP 200VOLT TRANSISTOR
TO-39 CASE

MFG RCA  P/N 2N5415
Stock # 36462 Price Ea./M .48

NPN POWER TRANSISTOR 2N5886

80 VOLT / 25AMP /TO-218

MFG SGS-THOMSON

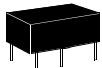
PRE SORTED TO EXCEED SPEC. OF 2N5886



IDEAL REPLACEMENT FOR TIP35B

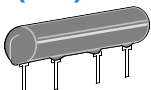
Stock # 36472 Price Ea./M Call

MINIATURE 2 AMP SPDT RELAY SENSITIVE DUAL 3 VOLT LATCHING COILS



Size : .63 x .39 x .64" / UL & CSA LISTED
MFG OMRON P/N G6EK-134P-ST-US-3V
Stock # 36514 Price Ea./M .85

SIP REED RELAY SPST (NO)5 VOLT COIL



1 AMP CONTACTS, 50 WATTS, 200VDC MAX
Size : 1.0 x .35 x .375" / Foot print .2 X 4 X .2"
MFG ALEPH P/N SD1A05CWJ
Stock # 36458 Price Ea./M .95

**7 MILLION RELAYS IN STOCK
CALL FOR YOUR REQUIREMENTS**

TRIACS



4 AMP 400 VOLT / TO-220

MFG HUDSON P/N 8T44TH

Stock # 36009 Price Ea./M .18

15 AMP 400 VOLT / TO-220

MFG TECCOR P/N Q4015L5

Stock # 32400 Price Ea./M .75

15 AMP 600 VOLT / TO-220

MFG TECCOR P/N Q6015L5

Stock # 34440 Price Ea./M .90

16 AMP 200 VOLT / TO-220

MFG SGS P/N BTB16-200B

Stock # 32647 Price Ea./M .55

LOGIC TRIACS

4 AMP 600 VOLT / TO-202



MFG TECCOR P/N L6004F71
Stock # 31362 Price Ea./M .20

1 AMP 600 VOLT / TO-92

MFG TECCOR  P/N L601E5
Stock # 30559 Price Ea./M .35

SCRs

8 AMP 50 VOLTS / TO-220

MFG MOT  P/N C122F1
Stock # 36045 Price Ea./M .35

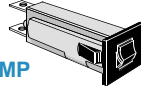
4 AMP 400 VOLTS / TO-220 MOD

MFG TOSH  P/N S6111
Stock # 28011 Price Ea./M .18

CIRCUIT BREAKERS

3, 10 & 15 AMP

Panel Mount Push to Reset



3 AMP P&B P/N W28-XQ1A-3
Stock # 36587 Price Ea./M .85

10AMP P&B P/N W28-XQ1A-10
Stock # 21592 Price Ea./M .65

15 AMP P&B P/N W28-XQ1A-15
Stock # 24064 Price Ea./M .65

YOUR CHOICE 15¢ EA./M CERAMIC RESONATORS



Freq	MFG	MFG#	# of Leads	Stock#
400Khz	KYOC	KBR400B	2	19495
456Khz	MURA	CSB456J	2	28258
500Khz	MURA	CSB500E	2	12020
2.46Mhz	MURA	CST2.46MGW	2	35170
3.95Mhz	MURA	CSA3.95	2	22220
4Mhz	MURA	CST4.0MGW	3	35896
4Mhz	MURA	CSA4.0MG	2	35897
6Mhz	MURA	CSA6.00TB4	2	3614
10Mhz	MURA	CSA10.0MTZ	2	35895

VOLTAGE REGULATORS

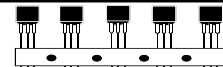


.20¢Ea.

7805 Fixed Positive 5V @1.5A

7812 Fixed Positive 12V @1.5A

TO-220 Package
1000 Pcs Minimum



MPSA05

NPN LOW-POWER TRANSISTOR
TO-92 AMMO-PAK ON TAPE

Stock # 12653 Price Ea./M .038

MPSA14

NPN DARLINGTON TRANSISTOR
TO-92 AMMO-PAK ON TAPE

Stock # 30373 Price Ea./M .052

MPSA18

NPN 45V TRANSISTOR
TO-92 BULK

Stock # 35246 Price Ea./M .088

MPSA42

NPN 300V TRANSISTOR
TO-92 AMMO-PAK ON TAPE

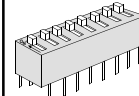
Stock # 35928 Price Ea./M .044

MPSA56

PNP LOW-POWER TRANSISTOR
TO-92 AMMO-PAK ON TAPE

Stock # 34182 Price Ea./M .028

DIP SWITCHES SLIDE



4 POSITION SPST

BD04= SPC01A04 MFG GRAYHILL

Stock # 90090 Price Ea./M .25

7 POSITION SPST

BD07 = SPC01A07A1X MFG GRAYHILL

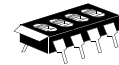
Stock # 36785 Price Ea./M .35

8 POSITION SPST

BD08 = SPC01A08A4X MFG GRAYHILL

Stock # 35973 Price Ea./M .38

RECESSED SLIDE



2 POSITION SPST

PART NO. K40

REMOVABLE TAPE SEAL

Stock # 23669 Price Ea./M .25

4 POSITION SPST

PART NO. DSS704-4 MFG FUJI

REMOVEABLE TAPE SEAL

Stock # 31327 Price Ea./M .35

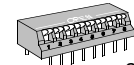
6 POSITION SPST

PART NO. 90B06S MFG GRAYHILL

REMOVEABLE TAPE SEAL

Stock # 36129 Price Ea./M .25

DIP PIANO SWITCH



12 POSITION SPST

2-435-802-2 MFG AMP

Stock # 21740 Price Ea./M .30

NEW ARRIVAL FUJITSU RELAYS

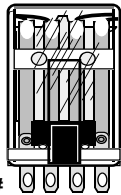


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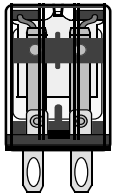


MULTI-CONTACT 1 TO 7 AMP GENERAL PURPOSE RELAYS = TO P&B KHU SERIES

Size : 1.075 x .825 x 1.4"

FUJITSU #	Coil VO	Contacts		Term. Type	Stock #	Price Ea./C
		Form	Amps			
FRL-263D006/04CV	6DC	4PDT	5	Lug	36875	1.35
FRL-264D006/04CV	6DC	4PDT	5	PCMT	36860	1.30
FRL-263D012/04CS	12DC	4PDT	3	Lug	37486	2.25
FRL-264A024/04CV	24AC	4PDT	5	PCMT	36846	2.50
FRL-263A024/04CS-B	24AC	4PDT	3	Lug	36867	2.55
FRL-264D024/02CV	24DC	DPDT	7	PCMT	36847	1.75
FRL-263D024/02CV	24DC	DPDT	7	Lug	36922	1.75
FRL-264D024/04CV	24DC	4PDT	5	PCMT	36840	2.00
FRL-263D110/04CV	110DC	4PDT	5	Lug	36935	2.95
FRL-263A120/04CT	120AC	4PDT	1	Lug	36920	1.90
FRL-263A120/04CT-0F	120AC	4PDT	1	Lug	36963	1.90
FRL-263A120/04CL	120AC	4PDT	3	Lug	36844	2.50
FRL-263A120/04CS-A	120AC	4PDT	3	Lug	36837	2.95
FRL-263A120/04CS	120AC	4PDT	3	Lug	37487	2.35

0F = SIDE STUD MOUNT, B = TEST BUTTON, A = NEON INDICATOR



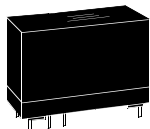
HIGH CURRENT 10 TO 15 AMP GENERAL PUPOSE RELAYS = TO P&B K10 SERIES

Size : 1.075 x .825 x 1.4"

FUJITSU #	Coil VO	Contacts		Term. Type	Stock #	Price Ea./C
		Form	Amps			
FRL-264D006/01CK	6DC	SPDT	15	PCMT	36861	1.00
FRL-263D012/01CK-0E	12DC	SPDT	15	Lug	36878	1.35
FRL-263D012/02CK-0F	12DC	DPDT	10	Lug	36876	1.75
FRL-264A024/01CK	24AC	SPDT	15	PCMT	36841	1.25
FRL-263A024/02CK	24AC	DPDT	10	Lug	36818	2.00
FRL-263A024/01CK-0E	24AC	SPDT	15	Lug	36866	1.25
FRL-263D110/02CK	110DC	DPDT	10	Lug	36937	1.80
FRL-264D110/02CK	110DC	DPDT	10	PCMT	36819	1.50
FRL-261A120/01CK-0E	120AC	SPDT	15	Lug	36943	1.25
FRL-263A120/02CK-0E	120AC	DPDT	10	Lug	36862	2.25
FRL-263A120/02CK	120AC	DPDT	10	Lug	36838	1.50
FRL-264A240/02CK	240AC	DPDT	10	PCMT	36830	2.25

0E = TOP MOUNTING EARS

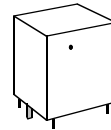
0F = SIDE STUD MOUNT



SLIM - LINE POWER RELAYS 5 TO 16 AMP CONTACTS = TO P&B RK SERIES

Size : 1.125 x .504 x 1.025"

FUJITSU #	Coil VO	Contacts		Term. Type	Stock #	Price Ea./M
		Form	Amps			
FBR613D005-K	5DC	SPST	16	PC	20949	1.20
FBR621ND005	5DC	DPDT	5	PC	33153	1.45
FBR611D006	6DC	SPDT	10	PC	15059	.90
FBR621D006	6DC	DPDT	5	PC	36662	.90
FBR623D012	12DC	DPST	5	PC	17891	.75
FBR611ND012-K	12DC	SPDT	16	PC	37581	.98
FBR621ND012	12DC	DPDT	5	PC	27831	1.24
FBR611D024-K	24DC	SPDT	16	PC	36979	.95
FBR613ND024-K	24DC	SPST	16	PC	36874	.90
FBR613D024	24DC	SPST	10	PC	37644	.65
FBR611ND024-R	24DC	SPDT	10	PC	36815	.75
FBR613D024	24DC	SPST	10	PC	36947	.65
FBR623D024	24DC	DPST	6	PC	35463	.75
FBR621ND024	24DC	DPDT	5	PC	30837	1.19
FBR613D048	48DC	SPST	10	PC	36945	Call
FBR621ND048	48DC	DPDT	10	PC	34516	Call



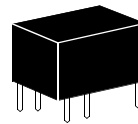
ICE CUBE TYPE RELAYS 1 TO 10 AMP CONTACTS = TO P&B T70 SERIES

FUJITSU #	Coil VO	Contacts		Stock #	Price Ea./M
		Form	Amps		
FBR111CD005	5DC	SPDT	3	36868	.55
FBR111CD006-W	6DC	SPDT	6	36912	.62
FBR111NCD006-W	6DC	SPDT	6	36855	.67
FBR111CD012	12DC	SPDT	3	36811	.55
FBR111NCD012-M	12DC	SPDT	1	36913	.55
FBR111NUD012-1	12DC	SPDT	3	36872	.60
FBR111NCD012-C92	12DC	SPDT	3	36814	.60
FBR111NCD012	12DC	SPDT	3	36812	.60
FBR111CD012-W	12DC	SPDT	6	36810	.62
FBR111NCD012-W1	12DC	SPDT	6	36873	.67
FBR111NUD012-W	12DC	SPDT	10	36932	.73
FBR111UD024-W	24DC	SPDT	10	36858	.68

FBR161SED009UW12-X	9DC	SPDT	5	36765	.72
FBR161NED012U	12DC	SPDT	3	36966	.65
FBR161NED024UWB	24DC	SPDT	10	36930	.77

FBR175ND012-N	12DC(P)	SPDT	5	36911	.67
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(P) = Polarized coi

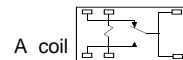


MINI DIP SPDT RELAYS 2 AMP CONTACTS = TO TAKAMISAWA MZ SERIES

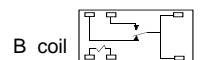
Size : .650 X .455 X .415"

FUJITSU #	Coil VO	Type	Contacts Form	Amps	Stock #	Price Ea./M
FBR211NED005-P	5DC	B(S)	SPDT	2	36820	.57
FBR211SCD005-5	5DC	A(S)	SPDT	2	36880	.65
FBR211CD009-M	9DC	A(S)	SPDT	2	36964	.75
FBR211ND012	12DC	A	SPDT	3	35477	.75
FBR211NED012-M	12DC	B(S)	SPDT	2	36882	.50
FBR211NED024-M	24DC	B(S)	SPDT	2	36881	.45
FBR211NAD024	24DC	A	SPDT	2	36857	.70

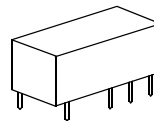
(S)= Sensitive



A coil

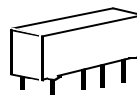


B coil



MINI DIP DPDT RELAYS 2 AMP CONTACTS = TO TAKAMISAWA RZ SERIES

FUJITSU #	Coil VO	Ohms	Contacts Form	Amps	Stock#	Price Ea./M



ULTRA-THIN MINI PCMT RELAYS 2 AMP CONTACTS = TO AROMAT TX SERIES

FUJITSU #	Coil	Contacts	Amps	Stock #	Price EA./M
FBR12ND05	5DC	DPDT	2	34155	.98
FBR12ND09	9DC	DPDT	2	37006	1.90
FBR12ND12	12DC	DPDT	2	32419	.98
FBR12ND24	24DC	DPDT	2	36833	.98

LED's 3mm, 5mm & 10mm
& INFRARED EMITTERS



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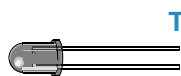
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LUMITECH LEDS



T 1 (3mm) LEDs

DIFFUSED

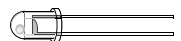
MFG #	Color	View Angle	Approx. Cd	Stock #	Price Ea./M
C3RLD	Red	120 deg.	4m	28874	.03
C3YLD	Yell	120 deg.	4m	28876	.038
C3GLD	Grn	120 deg.	4m	28875	.038

T 1 (3mm) HIGH BRIGHT CLEAR

H3RLC	Red	24 deg.	35m	44445	.052
H3YLC	Yell	24 deg.	30m	44446	.056
H3GLC	Grn	24 deg.	30m	44444	.054

T 1 3/4 (5mm) DIFFUSED LEDS

MFG #	Color	View Angle	Approx. Cd	Stock #	Price Ea./M
C5RLD	Red	120 deg	4m	29311	.032
C5YLD	Yell	120deg.	4m	28879	.035
C5GLD	Grn	120deg	4m	29308	.035



T 1 3/4 (5mm) HIGH BRIGHT CLEAR

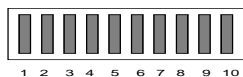
MFG #	Color	View Angle	Approx. Cd	Stock #	Price Ea./M
H5RLC	Red	36 deg	40m	28896	.048
H5YLC	Yell	36 deg	35m	28907	.055
H5GLC	Grn	36 deg	35m	28902	.052

T 1 3/4 (5mm) WATER CLEAR HIGH BRIGHT

MFG #	Color	View Angle	Approx. Cd	Stock #	Price Ea./M
H5RLWC	Red	30 deg	60m	28937	.06
H5YLWC	Yell	30 deg	55m	28939	.068
H5GLWC	Grn	30 deg	55m	28938	.068

T1 3/4 (5mm) SUPER BRIGHT

MFG #	Color	View Angle	Approx. Cd	Stock #	Price Ea./M
S5RLWC-1	Red	15 deg	450m	29310	.095
S5RLWC-2	Red	15 deg	800m	44441	.11
S5RLWC-3	Red	15 deg	1000m	44442	.135
S5RLWC-4	Red	15 deg	1500m	44443	Call

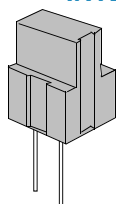


10 SEGMENT RED LED LIGHT BAR

Size: .995" x .395" fits standard DIP foot print.

MFG GI P/N MV57164
Stock # 33145 Price Ea./C \$1.50

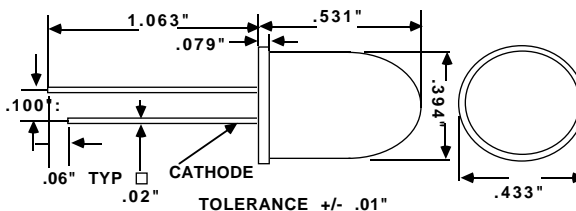
INTERLOCKING RED DIFFUSED RECTANGULAR LED



- 1.0 mcd @ 10 ma
- Emitter surface 1.9mmx4.85mm
- Can be stacked horiz. or vert.

MFG ROHM P/N SLB26VR 3F
Stock # 14612 Price Ea./M .03

LUMITECH 10mm JUMBOLEDs



DIFFUSED (wide view angle)

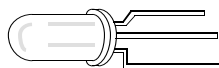
MFG #	Color	Wave Length	Min. mCd	Max. mCd	Stock #	Price Ea./M
10MMRD	Red	625nm.	20	100	30266	.21
10MMYD	Yell	590nm	20	70	30682	.24
10MMGD	Grn	565nm	20	70	30681	.24
10MMOD	Org	625nm	20	100	30382	.24

mcd is measured with IF = 10ma

10mm SUPER BRIGHT WATER CLEAR (narrow view angle)

MFG #	Color	Wave Length	Min. mCd	Max. mCd	Stock #	Price Ea./M
10MMRW	Red	660nm	1000	1600	30828	.30

mcd is measured with IF = 10ma

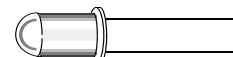
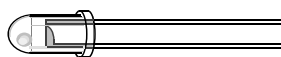


DUAL COLOR T 1 3/4 LEDs Milk White (diffused)

MFG	MFG #	Colors	View Angle	Approx. Cd	Comm A/C	Stock #	Price Ea./M
PCOM	L59GYW	Grn/Yel	80 deg.	3m	C	24573	.15
TELF *	TLSV5100	Or/Grn	100 deg.	630u	C	5103	.12

(*) = Rect. pkg 5x2..5x9.5mm Note: Orange is in Red Spectrum.

Honeywell INFRARED EMITTERS (IRED LEDs) Siemens



MFG	MFG #	Beam Angle	Spectrum nM	Power mW I in	Stock #	Price Ea./M
TOSH	TLN115A	42 deg.	950	13 @ 50mA	25718	Call
HONY	SEP8790-1	20 deg.	880	10 @100mA	14772	Call
HONY	SEP8703-3	20 deg.	880	210 @1.5A	14774	Call
HONY	SEP8703-4	20 deg.	880	240 @1.5A	15273	Call
SIEM	SFH401-2	30 deg.	950	1.0 @100mA	31691	Call
SIEM	SFE409-2	40 deg.	950	12 @ 100mA	31694	Call
SIEM	SFH480*	12 deg.	880	10 @ 100mA	30078	Call
SIEM	SFH480-1*	12 deg.	880	25 @ 100mA	28888	Call
SIEM	SFH480-2*	12 deg.	880	40 @ 100mA	27472	Call
SIEM	SFH480-3*	12 deg.	880	63 @ 100mA	30078	Call
SIEM	SFH482-1	30 deg.	880	3.2 @ 100mA	30769	Call
SIEM	SFH482-2	30 deg.	880	5.0 @ 100mA	30768	Call
PANA	LN77L	20 deg.	860	18 @ 50mA	34451	Call

(*) Glass lensed metal package , -3 & -4 IREDs are Pulsed at 1.5A

WALL PLUG-IN PACKS & TRANSFORMERS



DERF ELECTRONICS CORP.
253 N Grand Ave, Poughkeepsie, NY 12603
Phone (845) 790-9900 • Fax (845) 790 9915

Call Toll Free
1-800-431-2912
(Outside NY)

E-MAIL sales@derf.com

Visit our Web Site <http://www.derf.com>

INSTRUMENT TRANSFORMER



5 VAC / 220 MA STANCOR SW-210

PRIMARY 115V 50/60HZ

Isolation between primary and Secondary.

Secondary: 5V @ 220mA Parallel

10V @ 110mA Series

Weight: 2.4 Oz. /UL & CSA Listed

Size: 1" high x 1.4" x 1.185"

MFG STANCOR

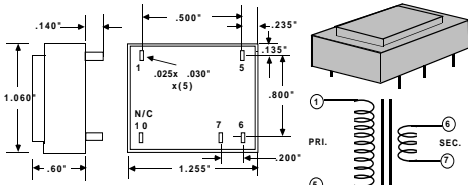
P/N SW-210

Stock # 37634

Price Ea./M .95

HORIZONTAL PC ENCAPSULATED 12V 40MA TRANSFORMER

Encapsulated design offers **HI REL** electrical insulation and moisture. The internal construction of a split bobbin from primary to secondary eliminating any need for an electrostatic shield.



Primary DC resistance 1400 ohms

Input: 115V 50-60HZ

Secondary resistance 38 ohms

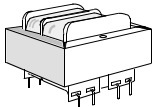
Output: 12V .040 Amps

MFG SPITZNAGEL

P/N SPK00512001

Stock # 30091

Price Ea./M \$1.50



12VAC / 1 AMP MAGNETEK FS-24-500

DUAL PRIMARY 115/230VAC (Split Bobbin)

Secondary :Parallel 12V 1AMP, Series 24V .5A

PC MOUNT Weight: 9.8 Qz

Size: 13/16" High X 1 1/2" x 1 7/7"

Stock #

Price Ea.

Ea./C

13900

2.25

1.85

10VAC / 2 AMP STANCOR SW-610

DUAL PRIMARY 115/230VAC (Split Bobbin)

Secondary: Parallel 5V 4A , Series :10V 2A

Isolation 4500 VRMS Dielectric, UL & CSA

(Side Winder series)

PC MOUNT Weight: 1 lb

Stock #

Price Ea.

Ea./C

21265

4.95

2.75

2.3 & 26 VAC OUTPUT TRANSFORMER

PRIMARY 115VAC 60HZ (Split Bobbin)

Secondary 26C CT 100mA resistance 14 ohms

Secondary 2.3V resistance 1.8 ohms

PC MOUNT Weight: 5 Oz.

Size: 1 5/8" X 1 15/16" X 1 5/16"

MFG # ETP41K270

Stock #

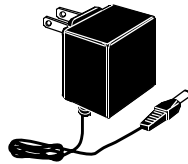
Price Ea.

Ea./C

18960

.75

.50



AC OUTPUT WALL PLUG-IN ADAPTORS

DIRECT PLUG-IN TO STD. 117VAC OUTLET

14VAC @ 700 mA

MFG # POW -00022-00

Black Case: 3.0" x 1.925 x 1.685"

Barrel plug OD .195 " X .375" L

Accommodates a .095" Pin.

Stock # 2071

Price Ea./M\$1.75

14VAC @ 200 mA

Input 115V 60HZ 6W

MFG NUREALITY #W35A-14200-5/2

Black Case: 3.0" x 1.925 x 1.685"

Barrel plug OD .215 " X .435" L

Accommodates a .095" Pin.

UL & CSA Listed

Stock # 33877

Price Ea./M\$1.50

18VAC @ 100 mA

Input 115V 60HZ 5W

MFG ALPHA MAGNETICS #AA-1810

Black Case: 2.15" x 1.685 x 1.1.46"

Wire lead output 12 FT. length

UL & CSA Listed

Stock # 32378

Price Ea./M\$1.55



12VAC 4.5A OUTPUT IN-LINE TRANSFORMER

12VAC 54 VOLT AMPS

INPUT: 120VAC 60HZ 0.60 AMPS

MFG by AULT INC. # 374-5412-0003

Size: L 4 5/8" W 2 7/8" H 2 5/8"

Input Line Cord Length 6 Ft.,Std.(2) prong plug

Output Cord length 7Ft.,AWG18x2C With a

Barrel plug OD .215 " X .385" L

Accommodates a .095" Pin.

UL & CSA Listed.

Stock # 18079

Price Ea. 13.00 Ea./C 9.99

COMPUTER PERIPHERAL TRI POWER SUPPLY

Input: 120VAC 60HZ 30W

Output : + 5VDC 750 MA

+12VDC 500MA

- 12VDC 150MA

Size: L= 4.75" W= 3" H=2.5"

Input cord 3 prong 6 ft. 3/18 gauge

Output connector 5 Pin DIN on 6 ft. cord

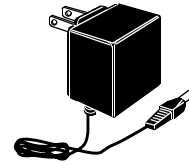
Ideal for computer peripheral equipment.

MFG Multi Products Int'l

Part No. M 60R-29348-17/2

Stock # 23604 Price Ea./50 14.00 ,Ea./C 12.50

Call for large qty. pricing.



DC OUTPUT WALL PLUG-IN ADAPTORS

DIRECT PLUG-IN TO STD. 117VAC OUTLET

4.5 VDC @ 150 mA

Input AC 120V 60HZ 4W

MFG TAMURA # 212A2220-03

Black Case: 1.435 x 1.925 x 1.4"

Barrel plug OD .195 " X .440" L

Accommodates a .078" Pin, center Neg.

UL & CSA Listed

Stock # 18636

Price Ea./M\$2.50

9VDC @ 600 mA

Input AC 120V 60HZ 15W

MFG MP # W41D-H600-5/1

Black Case: 1.910 x 2.530 x 1.72"

Barrel plug OD .215 " X .430" L

Accommodates a .095" Pin, center Pos.

UL & CSA Listed

A top quality power pack split bobbin, thermally

protected on the input. Output is a full wave

bridge rectifier (4) 1N4001 with a 1000uf

16 volt capacitor

Stock # 33907

Price Ea./M\$1.85

9VDC @ 500 mA

Input AC 120V 60HZ 9W

MFG DICON # ADO950

Black Case: 2.175 x 2.085 x 1.575"

Plug 3 pin lock-in female .156" centers

UL & CSA Listed

Stock # 35077

Price Ea./M\$1.95

9VDC @ 1Amp.

Input AC 120V 60HZ 15W

MFG ATAIR # C103889-001

Black Case: 2.72 x 2.275x 1.940"

Barrel plug OD .135 " X .375" L

Accommodates a .050" Pin, center Pos.

UL & CSA Listed

A top quality power pack split bobbin, 2Amp

131°C thermally protected on the input. Output

is a full wave bridge rectifier (4) 1N4001 with a

4700uf 16 volt capacitor

Stock # 35175

Price Ea./M\$2.50

12VDC @ 300mA

Input 120V 60HZ 6W

MFG EPLY DV-1230

White Case: 2.560" x 1.965" x 1.585"

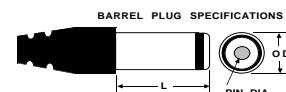
Barrel plug OD .215 " X .340" L

Accommodates a .095" Pin, center Pos.

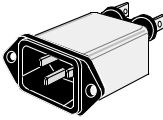
UL & CSA Listed

Stock #20569

Price Ea./M .98



PANEL MOUNT LINE FILTERS



NOISE FILTER

15 AMP 250V 50/60HZ

UL,CSA &VDE Listed .
Panel MT IEC socket, 1/4" Quick connects.
MFG OKAYA P/N SUP-J15G-E-2
Stock # 37416 Price Ea./M \$2.00

CORCOM # 3EF1F

3 AMP 250V 50/60HZ

Ideal for computers or equipment .
UL,CSA &VDE Listed . Terminations
Panel MT IEC socket, 1/4" Quick connects.
Stock # 27040 Price Ea./C \$1.95
Price Ea./M \$1.45

3 AMP 115/250V 50/60HZ

IEC socket and Wires

Panel MT IEC socket, 9" long Leads
Ground lead is 4.5" long with a #6 solder lug.
UL , CSA & VDE Listed.
MFG DELTA P/N 03KEEW3V
Stock # 25369 Price Ea./C \$2.25

TUB TYPE EMI FILTERS



3 AMP 250 VAC 50/60 HZ

UL, CSA &VDE Listed.
Terminations 1/4" quick connects.
CORNELL-DUBILIER P/N APFSV300L
Size: 2.5" x 2.0" x 1.1"
Stock # 13852 Price Ea./C \$1.45

6 AMP 250 VAC 50/60 HZ

UL, CSA & VDE Listed.
Terminations 1/4" quick connects.
Size: 2.5" x 2.0" x 1.5"
MFG CURTIS P/N F1300AA10
Stock # 11493 Price Ea./C \$2.75

20 AMP 120/250 VAC 50/60 HZ

UL, CSA & VDE Listed.
Terminations 1/4" quick connects.
Size: 5.23" x 4.20" x 1.53"
CORCOM VS Series P/N 20VS1
Stock # 24937 Price Ea./C \$4.50

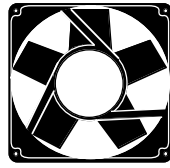
30 AMP

440VAC PHASE TO PHASE

250VAC PHASE TO NEUTRAL /GND

UL & CSA LISTED.
HIGH CURRENT 3 PHASE EMI FILTER
Size: overall 10' length, 5.5" wide, 2.25" high.,
Terminations 10-32 lugs
MFG CORCOM P/N F3297
Stock # 22854 Price Ea./C \$9.95

COOLING FANS



MFG: PAPST
24VDC, 5 WATT
4.7" sq x 1.5"
MODEL: 4314

AIR FLOW 105 CFM

(DC VOLTAGE RANGE 10-28V)
Dimensions: 4.680" Square X 1.5" thick
Mounting holes: .170" DIA, 4.130" Centers.
Stock # 30718 Price Ea./M \$4.50

COMAIR / ROTRON



24VDC, .25A, 6 W
4.7" sq x 1.5"
MODEL: MD24B2

INDIVIDUALLY BOXED

AIR FLOW 110 CFM
Dimensions: 4.685" Squick X 1.5" Thick
Mounting Holes: .150" Dia 4.130" Centers
UL & CSA LISTED, P.T.C. PROTECTED.
Stock # 29602 Price Ea./M \$5.90

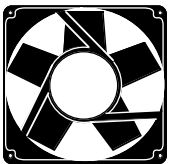


NIDEC TA450DC
24 VDC .21 AMPS
062/.058 AMPS
4.7" X 1.5"

MODEL: A31257-10

AIR FLOW 112 CFM

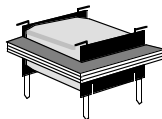
Mounting Holes : .150" Dia, 4.130" Centers
Stock # 1916 Price Ea./M \$4.25



MFG: PAPST
12VDC, 2.5 WATT
4.7" sq x 1.5"
MODEL: 4314

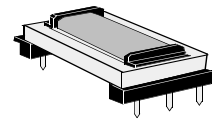
AIR FLOW 55 CFM

Dimensions: 4.680" Square X 1.5" thick
Mounting holes: .170" DIA, 4.130" Centers.
Stock # 30718 Price Ea./M \$4.50



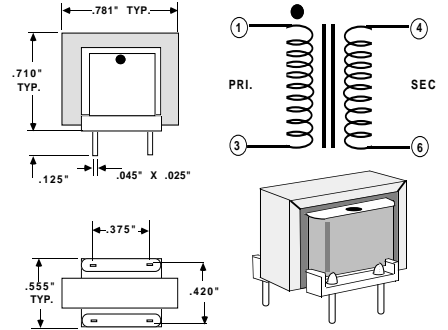
**LOW PROFILE
TELECOM TRANSFORMERS
600 / 600 OHM IMPEDANCE**

Primary Impedance: 600 Ohms (1 & 2)
Secondary Impedance: 600 Ohms (3 & 4)
Primary: DC Resistance: 73 Ohms 10%
Secondary: DC Resistance: 100 Ohms 10%
Frequency Response: 300 to 3500 Hz
Insertion Loss: 1.7dB Max. @ 1.8 KHz
Turns Ratio: 1 = 1.04 ± 2%
Operating level: -65 dbm to +10 dbm
MFG # TTC-143
Stock # 30463 Price Ea./M .65



Primary: DC Resistance 108 ohms,
Secondary: DC Resistance 120 ohms
Unbalanced : DC Current 0 mA
Insertion loss : 2.0 dB
Turns ratio : 1:1
Frequency response : 200-4000Hz
MFG DATATRONICS P/N LM73457
Stock # 35069 Price Ea./M .60

COUPLING TRANSFORMERS



600 / 600 OHM IMPEDANCE

Primary: DC Resistance 70 ohms,
Secondary: DC Resistance 110 ohms
MFG GCI P/N TL280B
Stock # 32474 Price Ea./M .35

**STANCOR TTPC-06
600 / 600 CT OHM IMPEDANCE**

Primary: DC Resistance 70 ohms
Secondary: DC Resistance 110 ohms
Unbalanced : DC Current 90 mA
Insertion loss : 1.8 dB
MFG STANCOR P/N TTPC-06
Stock # 10147 Price Ea./M \$3.50

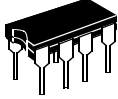
600 / 600 OHM IMPEDANCE

Primary: DC Resistance 36 ohms
Secondary: DC Resistance 45 ohms
MFG WTEC P/N WT-3101
Stock # 36084 Price Ea./M \$1.30

MINI COUPLING TRANSFORMER

Primary: DC Resistance 46 ohms
Secondary: DC Resistance
40 ohms Tapped @ 20 ohms
PC Mount ,15 LS X .55" Across
Size: 3/4 x 11/16 x 5/8"
MFG ARSTAN P/N 0269P
Stock # 23174 Price Ea./M .29

**TELECOMMUNICATIONS
DUAL BILATERAL SWITCH,
WITH SURGE PROTECTION**



- Nominal $V_{bo} = 17.3V (+/- 0.5mV/Deg.C)$
- Nominal $I_{hold} = 3 mA$

MFG AT&T
Stock # 23944

P/N LB1060AB
Price Ea/M 1.25

**MULTIFUNCTION SOLID STATE
CP CLARE TELECOM SWITCHES**

- Two functions in one package, (Hookswitch & Ring Detect/Loop Detect).
- 2500V Input/Output Isolation std
- 3750V Input/Output Isolation.(E suffix)
- UL Recognized, CSA, VDE Compatible.
- BAPT Certified • 8 pin dip pkg.

MFG CLARE
Stock # 36193

P/N TS117E
Price Ea./M 1.84

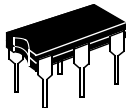
**DUAL CURRENT SENSOR
LDA200**

- Output Specifications, Collector Current 100mA
Collector BV ceo Min 20V, Max 50V,
Current Transfer Ratio 100% Typ
- Input Control Current, Min 2mA, Max 6mA
- Input to Output Isolation 2500V

MFG PHIL
Stock # 12692

P/N LDA200
Price Ea./M 1.15

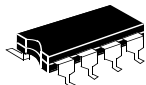
**TELECOMMUNICATIONS
SOLID STATE RELAY
NORMALLY-OPEN**



- DC control input, AC output
- SPST(NO) contacts.
- 6 pin dip
- 1.5KV Isolation

MFG AT&T
Stock # 36723

P/N LH1156AT
Price Ea./M \$1.20



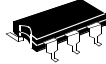
**DUAL CURRENT SENSOR
LDA200ES**

- Output Specifications
Collector Current 100mA
Collector BV ceo Min 20V, Max 50V,
Current Transfer Ratio 100% Typ
- Input Control Current, Min 2mA, Max 6mA
- Input to Output Isolation 3750V

MFG CLARE
Stock # 36471

P/N LDA200ES
Price Ea./M 1.20

**SOLID STATE SWITCHES
1 FORM A CONTACTS
LCA110S(SMD) & LCA110E**



- Output Specifications
Load Voltage (peak) : 400V,
Load Current Continuous (parallel) 210 mA
On Resistance Typ 5 ohms
Load Current Continuous (series) 150 mA,
On Resistance Typ 15 ohms
- Input Control Current, Min 5mA, Max 100mA
- Input to Output Isolation 2500V
- E suffix 3750 isolation

MFG THETA-J
Stock # 21324

P/N LCA110S
Price Ea./M 1.52

MFG THETA-J
Stock # 37523

P/N LCA110E
Price Ea./M 1.52

**1 FORM B CONTACTS
LCB111ES(SMD)**

- Output Specifications,
Load Voltage (peak) : 350V
Load Current Continuous (parallel) 200 mA,
On Resistance Typ 7 ohms
Load Current Continuous (series) 120 mA,
On Resistance Typ 23 ohms
- Input Control Current, Min 5mA, Max 100mA
- Input to Output Isolation 3750V

MFG CLARE
Stock # 30740

P/N LCB111ES
Price Ea./M 2.00



**1 FORM A CONTACTS
LCA125E**

- Output Specifications
Load Voltage (peak) : 300V
Load Current Continuous (parallel) 300 mA,
On Resistance Typ 4 ohms
Load Current Continuous (series) 170 mA
On Resistance Typ 10 ohms
- Input Control Current, Min 5mA, Max 100mA
- Input to Output Isolation 3750V

MFG CLARE
Stock # 25525

P/N LCA125E
Price Ea./M 1.28

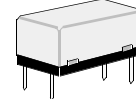
**1 FORM A CONTACTS
LCA127E**

- Output Specifications,
Load Voltage (peak) : 250V
Load Current Continuous (parallel) 300 mA,
On Resistance Typ 2 ohms
Load Current Continuous (series) 170 mA,
On Resistance Typ 8 ohms
- Input Control Current, Min 5mA, Max 100mA
- Input to Output Isolation 3750V

MFG PHIL
Stock # 24736

P/N LCA127E
Price Ea./M 1.20

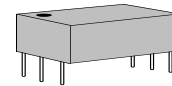
**SPECIAL APPLICATION RELAY
CLARE MRBS20043
CURRENT SENSING**



- 1 Form A contact
- 10 ohm 15Ma coil
- Ideal for telecommunications off hook.
- 5VA Max switching contact power.
- Size: L = 1.135", W .455", H = .510"

Stock # 31578

Price Ea.C 4.75



**TELECOMMUNICATIONS
LINE SENSE RELAY**

**Ideal for monitoring telephone
on-hook/off-hook**

- Senses line current 15 to 170mA
- Coil resistance 9 ohms.
- 1 form A relay contact.
- 2KV isolation coil to contact.
- Magnetically shielded.

Size: L = 1.125" W = .695" H = .480"
Contact rating: 200V, 500mA
Rated life 10 (7) operations.

MFG TELTONE
Stock # 30966

P/N M-949-06
Price Ea./C 4.00

SPECIALS

OPTOCOUPLERS



TIL186

**NPN 100V TRANSISTOR OUTPUT
AC-INPUT / 2.5KV ISOLATION**
Stock # 36427 Price Ea./M .12

NEC PS2010

**NPN 30V TRANSISTOR OUTPUT
DC-INPUT / 2KV ISOLATION**
Stock # 36428 Price Ea./M .12

REPLACEMENT FOR MOC3010 SEE SPEC.

TIL3010

**TRIAC DRIVER OUTPUT
DC-INPUT / 3.5KV ISOLATION**
Stock # 36418 Price Ea./M .30

**CALL
FOR
YOUR**



**FREE
DISC
TODAY**

OPTO-COUPPLERS & OPTO-DEVICES



ELECTRONICS CORPORATION

E-MAIL sales@derf.com

DERF ELECTRONICS CORP.
253 N Grand Ave, Poughkeepsie, NY 12603
Phone (845) 790-9900 • Fax (845) 790 9915

Call Toll Free
1-800-431-2912
(Outside NY)

Visit our Web Site <http://www.derf.com>

6 PIN DIP OPTO-COUPPLERS



7.5KV ISOLATION NPN TRANSISTOR OUTPUT

- V_{ceo} 30V • Transfer ratio 30%
- Power dissipation 250mW • 6 pin dip

MFG MOT P/N MOC8100
Stock # 20567 Price Ea./M .20

SFH601G-4 / 5.3KV ISOLATION NPN TRANSISTOR OUTPUT

- V_{ceo} 70V • Transfer ratio 160%
- Power dissipation 100mW • 6 pin Dip

MFG SIEMENS P/N SFH601G-4
Stock # 30729 Price Ea./M .40

H11G1 1.5KV ISOLATION NPN DARLINGTON OUTPUT

- V_{ceo} 100V • Transfer ratio 1K%
- Power dissipation 250mW • 6 pin Dip

MFG QT P/N H11G1
Stock # 27080 Price Ea./M .46

SFH601-2 / 5.3KV ISOLATION NPN TRANSISTOR OUTPUT

- V_{ceo} 70V • Transfer ratio 63%
- Power dissipation 100mW • 6 pin Dip

MFG SIEMENS P/N SFH601-2
Stock # 30899 Price Ea./M .20

TIL114 / 2.5KV ISOLATION NPN TRANSISTOR OUTPUT

- V_{ceo} 30V • Transfer ratio 40%
- Power dissipation 250mW • 6 pin Dip

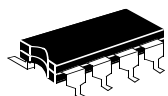
MFG MOT P/N TIL114
Stock # 2493 Price Ea./M .22

TIL119 / 1.5KV ISOLATION NPN TRANSISTOR OUTPUT

- V_{ceo} 30V • Transfer ratio 1.6K%
- Power dissipation 250mW • 6 pin Dip

MFG TI P/N TIL119
Stock # 12584 Price Ea./M .195

1.5KV ISOLATION NPN TRANSISTOR OUTPUT



- V_{ceo} 30V
- Transfer ratio 100%
- Power dissipation 250mW
- 8 pin SMD T/R

MFG SIEMENS P/N IL213-T
Stock # 31705 Price Ea./M .50

4 PIN DIP OPTO-COUPPLERS



SIEMENS SFK610-2 5.3KV ISOLATION

NPN TRANSISTOR OUTPUT

- V_{ceo} 70V • Transfer ratio 63%
- Power dissipation 250mW • 4 pin Dip

MFG SIEMENS P/N SFK610-2
Stock # 31297 Price Ea./M .75

SIEMENS SFH611-4 2.8KV ISOLATION

NPN TRANSISTOR OUTPUT

- V_{ceo} 70V • Transfer ratio 160%
- Power dissipation 150mW • 4 pin Dip

MFG SIEMENS P/N SFH611-4
Stock # 30330 Price Ea./M .70

**NOTE: CURRENT TRANSFER RATIO,
EXPRESSED IN PERCENT**

SPECIAL

= TO AROMAT AQV210E TELECOMMUNICATIONS SOLID-STATE RELAY 1 FORM A CONTACT

6 PIN DIP, DC INPUT CONTROL, AC OUTPUT
1,5KV ISOLATION INPUT/OUTPUT



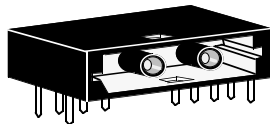
MFG AT&T
Stock # 36723

P/N LH1156AT
Price Ea./M 1.20

FIBER-OPTIC MODULES

FIBER-OPTIC TRANSCEIVER MODULE

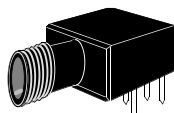
- PC MOUNT • PROTECTIVE SNAP-IN COVER
- Size: .875" x .615" x .335"



MFG TOSHIBA
Stock # 32670

P/N TODX 270
Price Ea./M Call

TOSHIBA FIBER-OPTIC RECEIVER MODULE

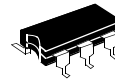


- SMA type connector
- PCMT
- Internal circuit

MFG TOSHIBA
Stock # 32668

P/N TORX101
Price Ea./C Call

PHOTOMOS RELAY

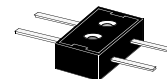


- 6 lead SMD T/R
- 1 Form A, 1.5KV isolation
- Output 350V, 130mA

MFG AROMAT
Stock # 37071

P/N AQV210SX
Price Ea./M \$2.17

REFLECTIVE PHOTOMICROSENSOR (SURFACE-MOUNT)

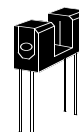


NPN Photo Darlington Output

Size : .268 x .213 x .138"

MFG OMRON
Stock # 31924

P/N EE-SY201
Price Ea./M .30



TIL170-2 DARLINGTON OPTO-INTERRUPTER

- Output Photo Darlington
- BV_{ceo} 25V
- Output current 3.5 MA

Typical applications:

Explosion-proof switch, tachmeter/
speed control, type print position control.

MFG TI

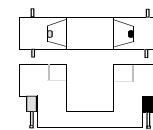
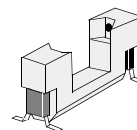
P/N TIL170-2

Stock # 25662

Price Ea./M .12

ALSO IN STOCK TIL144,160,167-1 &-2, 168-1

OPTO-INTERRUPTER ZINC CAST FRAME SURFACE MOUNT



- Output Photo Darlington
(Special dark lensed side looker)
- Gap .150"
- Low current needed fo IRED.
- Low cost SMD interrupter.

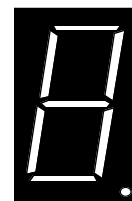
MFG QT

P/N KAT0008

Stock # 30608

Price Ea./M .30

HI-BRIGHT GREEN SEVEN SEGMENT LED DISPLAY



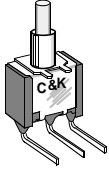
- Comm anode,
Rt. hand decimal
- 1800 ucd Typ.
- Size: .551 x .259 x .332"
- Character height .360"
- Lead spacing:
.2" across x .1" centers
- Black background

MFG LITE-ON
Stock # 36602

P/N LTS360G-NB
Price Ea./M .65

SPDT MOMENTARY PUSH SWITCHES

HORIZONTAL PC MOUNT RIGHT ANGLE



- Light force snap-action
- White push button
- Solid bushing
- PC support bracket
- .4VA Max

MFG C&K
Stock # 11831

P/N 8125SD9ABE
Price Ea./C .75

HORIZONTAL PC MOUNT RIGHT ANGLE

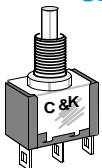


- Positive snap-action
- White push button
- Solid bushing
- PC support bracket
- 6 Amps 120VAC
- UL & CSA listed

MFG C&K
Stock # 13699

P/N 8168SH9AV2ME3
Price Ea./C .85

MOMENTARY PANEL MOUNT SNAP PUSH SWITCH

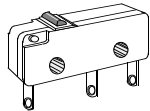


- Positive snap-action
- solder lug terminals
- .250" mounting hole
- Mounting hardware included
- White push button

MFG C&K
Stock # 23221

P/N 8168
Price Ea./C .90

MINIATURE LIGHT FORCE SNAP-ACTION SWITCH

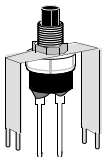


- 3 Amp 125V contacts
- Light force actuator
- Size .780" x .250" x .360"
- Mounting centers .410"
- Solder lug terminals
- Black molded housing

MFG BURGESS
Stock # 21456

P/N V42T7
Price Ea./M .35

MOMENTARY SPST-NO



- Extended PC Lugs
- Terminals epoxy sealed
- Long service life
- Overall Height above PCB Top of bracket .650"
- Black button

Switch can be removed from bracket and panel mounted in a .25" hole.
Switch is same type as ALCO MSPS-103

MFG MORS
Stock # 32220

P/N 302V40BE/A2169
Price Ea./C .35

LEAVER SWITCH

SPDT ON/OFF/ON VERTICAL PC MOUNT



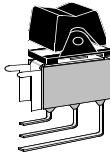
- Extended .250" off PCB
- Lever height .7"
- Lever White color
- Sturdy PCMT bracket
- 0.4VA contacts

MFG C&K
Stock # 27067

P/N 7103J60V4BE
Price Ea./C .60

ROCKER SWITCH

SPDT ON/ON RIGHT ANGLE PC MOUNT



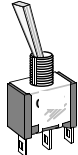
- Rocker size .670" x .375"
- Black rocker
- Sturdy PCMT bracket
- 5 Amp 120VAC contacts

MFG SH
Stock # 22520

P/N R8013L
Price Ea./C .55

TOGGLE SWITCHES

SPDT (mom ON/OFF/ON mom) 6AMP/125VAC CONTACTS



- 1/4 Bushing w/hardware
- PCMT termination
- Size .520" x .320" x .440"
- Flat batton .65" L

MFG AMERICAN
Stock # 9104

P/N ST1-3
Price Ea./M .35

DPDT ON/ON ACTION

- 5 Amp Contacts • Long Batton .650"
- Miniature 1/4 " bushing • Lug termination.

MFG C&K
Stock # 17432

P/N 7201
Price Ea./M .45

DPDT ON/ON ACTION

- 6 Amp Contacts • Standard type Batton
- Miniature 1/4 " bushing w/ 'O' Ring
- Sealed Lug termination.

MFG C-H/NKK
Stock # 14857

P/N SF22WCW191
Price Ea./M .55

DPDT ON/ON ACTION

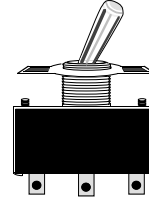
- 6 Amp Contacts • .100" Dia type Batton .375" L
- Miniature 1/4 " bushing • Lug termination.

MFG AMERICAN
Stock # 28175

P/N STM-1
Price Ea./M .45

TOGGLE SWITCHES

DPDT ON/ON 3AMP CONTACTS

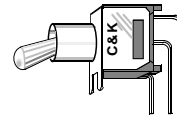


- 3 Amp @ 125 VAC
- Switch W/ ON/OFF plate
- 15/32 Bushing W/hardware
- Solder lug termination
- Size 1.1" x .710" x .590"
- Standard batton .5" L

MFG CS
Stock # 14957

P/N TGL9201
Price Ea./C .75

SPDT ON/ON RIGHT ANGLE PC MOUNT TOGGLE SWITCH

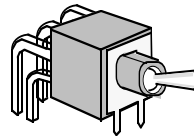


- Solid bushing
- Batton length .270"
- Toggle action up/down
- 0.4 VA max.
- Front metal bracket

MFG C&K
Stock # 10417

P/N 7101AV2E
Price Ea./M .68

DPDT ON/ON RIGHT ANGLE PC MOUNT TOGGLE SWITCH



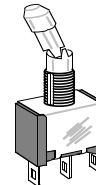
- Sealed all molded housing
- Batton length .290"
- Toggle action side L/R
- 7.5 Amps @ 120VAC
- Front metal bracket

MFG C&K
Stock # 10127

P/N E203
Price Ea./M .65

MINIATURE LOCKING TOGGLE SWITCHES

SPDT ON/ON ACTION



- 0.4 Volt Amp Contacts
- Locking type Batton
- Miniature 1/4 " bushing
- Lug termination.

MFG C-H/ NKK
Stock # 18825

P/N M-2012
Price Ea./M .75

DPDT ON/ON ACTION

- 6 Amp Contacts • Locking type Batton
- Miniature 1/4 " bushing • Lug termination.

MFG C-H/NKK
Stock # 9542

P/N SF22LCW171-7
Price Ea./M .85

4PDT ON/ON ACTION

- 6 Amp Contacts • Locking type Batton
- Miniature 1/4 " bushing • Lug termination.

MFG C-H/NKK
Stock # 9549

P/N SF24LCW171-7
Price Ea./C \$1.00

SUBMINIATURE SEALED TOGGLE SWITCHES

SPDT- ON/ON SEALED FOR FLOW SOLDERING



MFG ALCO
Stock # 8870

- Disposable protective boots are included to seal toggle during cleaning operation.
 - Contact rating 0.4VA max.
 - Contact: gold over nickel
 - Body size .41 x .30 x .38"
 - Batton length .21"
- P/N TT11DG-PC-1-ES
Price Ea./M .40

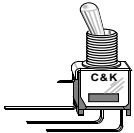
WASHABLE TINY TOGGLE SPDT -ON/ON



MFG MORS
Stock # 32232

- Epoxy sealed terminals
 - Molded case of PBT
 - Contact rating 0.4VA
 - Contact resistance 20mΩ
 - Body size: .318 x .196 x .318"
 - Batton length .21"
- P/N TL36P0050
Price Ea./M .45

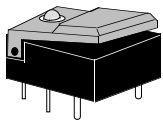
RIGHT ANGLE TINY TOGGLE SPDT -ON/ON W/BACKET and THREADED BUSHING



MFG C&K
Stock # 2261

- Contact rating 0.4VA
 - Contact resistance 20mΩ
 - Body size: .320 x .20 x .385"
 - Batton length .210"
 - Threaded bushing 10-48
- P/N T101MHAVBX
Price Ea./M .55

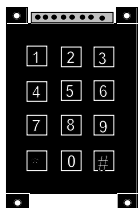
SPDT HINGED MECHANICAL MOMENTARY W/LED INDICATOR



Size : .70" x .50" x .550"
MFG MORS
Sock # 32221

- Red T1 LED indicator
 - Red button
 - Black body
 - Positive snap-action
 - PC mount
- P/N M86A211CE
Price Ea./M .50

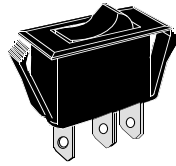
ALPS NUMERICAL KEY PAD 1 TO 0 / * &



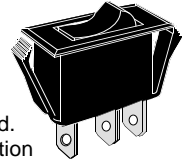
MFG ALPS
Stock # 22806

- Black Matte Finish,
Buttons .325" x .290"
White characters .166".
Size: 1.725" W x 2.625" H

P/N 70E01470
Price Ea./C \$1.25
Ea./M .95



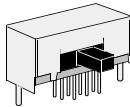
SPDT 10 AMP MINIATURE SNAP-IN POWER ROCKER SWITCH



- Rocker action SPDT on/on • UL, CSA & VDE Approved.
 - Rating 10 Amp 125VAC, 6 Amp 250VAC. • Lug termination
 - Black matte finish bezel & rocker. • Panel cut out size .750" x .525"
- MFG JEC
Stock # 30524
- P/N JS-606B
Price Ea./M .32

SLIDE SWITCHES

MINIATURE SLIDE SWITCH DP3T PCMT W/ BRACKET



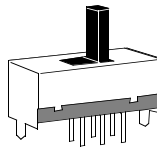
PC term: .079 X.1" grid spacing

MFG SMK
Stock # 22413

- Positive detented action
Size: L .600" x W .305"
body above PCB .400"
Slide size .130" x .125"
Length .215"

P/N J-S5443
Price Ea./M .08

MINIATURE SLIDE SWITCH DPDT PCMT W/ BRACKET

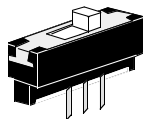


MFG T-MEC
Stock # 33839

- Positive detented action
Size L .575" x W .290"
body above PCB .335"
Slide size .1" x .125"
Length .225"
PC term .079" grid spacing

P/N P022BAM-PA6
Price Ea./C .15

INSTRUMENT GRADE SLIDE SWITCH SPDT PC MOUNT

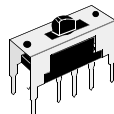


MFG ALCO
Stock # 31318

- Micro size: .450" x .2" x .165"
- Double wipe contacts.
- Low contact resistance 20 mili ohm.

P/N MMS-12
Price Ea./C .28

TELECOM GRADE SLIDE SWITCH SPDT PCMT W/ BRACKET

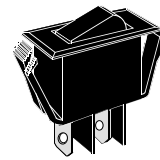


MFG ALCO
Stock # 22188

- Positive wiping action
Low contact resistance
Size L .550, W .230"
Mt above pcb .4", Actu..2" H
- P/N MSS1200
Price Ea./C .28

MANY MORE SWITCHES IN STOCK CALL FOR YOUR REQUIREMENTS

12 AMP SPST HEAVY DUTY ROCKER SWITCH (MOMENTARY- ON) PANEL MOUNT SNAP-IN



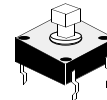
MFG CARLINGSWITCH
Stock # 30348

- Fits in panel cut-out 1.1" x .5"
- Black finish bezel & rocker.
- Terminations 1/4" spade lugs.
- UL & CSA listed.
- Switch rating 12A@125VAC, 8A@250VAC
- Action OFF (MOM- ON)

P/N RD231MBOBON
Price Ea./M .25

MINIATURE MOMENTARY TACT SWITCHES

MOMENTARY SPST-NO

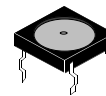


MFG MORS
Stock # 32219

- PC Mount
- Long service life
- Overall Dim. .24" Sq x .43"

P/N MJTP1234
Price Ea./M .08

LIGHT TOUCH MOMENTARY SPST-NO

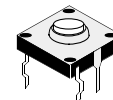


MFG PANA
Stock # 36899

- PC Mount
- Recessed button
- Overall Dim. 8MM SQ.

P/N EVQ-QJR02K
Price Ea./M .092

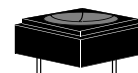
MOMENTARY SPST-NO LOW PROFILE



MFG ALPS
Stock #35302

- Sealed snap push switch with positive action.
 - Ultra small .290" square, .185 above PCB.
 - Fits standard dip foot print, preformed leads.
- P/N 4391895
Price Ea./M .08

MOMENTARY SPST-NO KEY PAD SWITCH



MFG TRW
Stock # 35181

- PC Mount
- Positive snap-action
- Overall Dim. .49" Sq x .39"

P/N 320069
Price Ea./M .12

