LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-05-009783	28NOV2006	RB	KD

8058 & 8060 Series *Transistor Sockets*

8060-1G11

8060-1G6

H

FEATURES:

The 8058/8060 family of teflon sockets, with beryllium copper contacts, offers many features which allow them to be utilized in the most severe applications. Low profile for close board spacing, closed sleeve for 100% prevention of solder and flux wicking. A choice of many terminal styles for greater packaging selection and ease of use. Many of these sockets meet or exceed MIL-S-83502/2 and MIL-S-83502/5.

- Two-piece socket terminal - four fingered inner contact and machined outer sleeve
- Low profile for tight space applications
- Sockets accept 0,41/.016 to 0,51/.020 diameter leads
- Printed circuit, solder pocket and turret style terminations available
- Closed entry-design no distortion or damage to contact with misaligned or oversized leads

MATERIAL SPECIFICATIONS:

Insulator ..... Teflon
Sleeve ..... Brass
Contact Plating ..... Beryllium copper
Plating ..... Contact gold, sleeve gold

PERFORMANCE SPECIFICATIONS:

MECHANICAL

Vibration ..... Passed MIL-STD -1344, Method 2005, 15 G's, 10 to 2,000 cycles
Mechanical Shock ..... Passed MIL-STD -1344, Method 2004, 10 G's, 1 to 9,000 cycles
Durability ..... 50 Insertions and withdrawals, MIL-S-83502/ 1, Sec. 4.7.12
Insertion Force ..... 4.0 lb. max., .020 dia. +.0000 probe -.0002
Withdrawal Force ..... 14 Grams (1/2 oz.) min. .016 dia. +.0002 probe -.0001
Solderability ..... MIL-STD- 202, Method 208

ELECTRICAL

Bulk Contact Resistance ..... 20 Milliohms max. per MIL-S-83502/1
Current Rating ..... 3 Amp DC, contact rating
Operating Voltage ..... 500 VDC @ atmospheric pressure
Dielectric Withstanding Voltage ..... 600 VAC per MIL-STD -1344 , Method 3001
Insulation Resistance .... 2 x 10^3 Megohms, MIL-STD -1344, Method 3003
Capacitance ..... 2 pF Max., MIL-STD -202, Method 305

ENVIRONMENTAL

Operating Temperature .. -55°C to +125°C
Corrosive Atmosphere .. 30 milliohms, ammonium polysulfide 10 ppm per MIL-S-83502/1 Sec. 4.7.17
Moisture Resistance ..... 30 Milliohms max., MIL-STD -202, Method 106
Thermal Shock ..... MIL-STD -1344, Method 1003

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1555 Lynnfield Road
Memphis, TN 38119
(901) 682-8221 FAX (901) 537-8805

DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

DWN	R BROWN	28NOV2006
CHK	K DeBOCK	28NOV2006
APVD	K DeBOCK	28NOV2006
PRODUCT SPEC	—	
APPLICATION SPEC	—	
WEIGHT	—	

MATERIAL –

FINISH –

tyco Electronics

Tyco Electronics Corporation
Harrisburg, PA 17105-3608

NAME SOCKET, 8 PIN PRINTED CIRCUIT

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A4	00779	C-1437508-5	—

CUSTOMER DRAWING

SCALE NTS SHEET 1 OF 4 REV A

LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Transistor Sockets 8058 & 8060 Series

PART NUMBER / STANDARD CONFIGURATIONS

Part Number	Figure	No. of Contacts	Pin Circle	A	B	C	D	E*	F Max.	Terminal Style	Mounting Hole	Transistor Lead Length	Polarization Figure
M8058-45G1	1	3	.200	.200	.265	.373	.410	.160	.406	Turret	B	.156/.218	N
M8058-1G29	3	3	.200	.200	.270	.373	.410	.140	.351	Solder Pocket			
8058-1G29	3	3	.200	.200	.270	.373	.410	.140	.351				
8058-1G23	4	3	.200	.200	.270	.373	.410	.302	.544				
M8058-1G23	4	3	.200	.200	.270	.373	.410	.302	N/A	Printed Circuit	—		
8058-1G59	6	3	.200	.200	.165	N/A	.410	.125	N/A				
8058-38G6	6	3	.200	.200	.165	N/A	.410	.315	N/A			.125/.155	P
8058-1G62	7	3	.200	.200	.270	.373	.410	.500	.703	Wirewrap	B		N
M8058-45G2	1	4	.200	.200	.265	.373	.410	N/A	.406	Turret		.156/.218	
M8058-1G30	3	4	.200	.200	.265	.373	.410	.140	.377	Solder Pocket			
8058-1G30	3	4	.200	.200	.270	.373	.410	.140	.347				
M8058-1G24	4	4	.200	.200	.270	.373	.410	.347	.550	Printed Circuit	—		
8058-1G24	4	4	.200	.200	.270	.373	.410	.317	.550				
8058-1G63	7	4	.200	.200	.270	.373	.410	.500	.703	Wirewrap	B	.125/.155	
8058-1G58	2	5	.200	.200	.270	.373	.410	.094	.331	Turret		.156/.218	
8058-1G61	3	5	.200	.200	.270	.373	.410	.140	.336	Solder Pocket			
M8058-1G39	2	6 at 45°	.200	.200	.270	.373	.410	.094	.300	Turret			
8058-1G43	3	6 at 60°	.200	.200	.270	.373	.410	.140	.370	Solder Pocket			
M8058-1G18	3	6 at 45°	.200	.200	.270	.373	.410	.140	.370				
8058-1G42	4	6 at 60°	.200	.200	.270	.373	.410	.317	.561	Printed Circuit	—	.125/.155	P
M8058-1G33	4	6 at 45°	.200	.200	.270	.373	.410	.317	.561				
8058-1G48	6	6 at 60°	.200	.200	.165	N/A	.410	.125	N/A				
8058-1G52	6	6 at 45°	.200	.200	.165	N/A	.410	.125	N/A				
M8058-1G37	2	8	.200	.200	.270	.373	.410	.094	.336	Turret	B	.156/.218	N
M8058-1G19	3	8	.200	.200	.270	.373	.410	.140	.377	Solder Pocket			
8058-1G19	3	8	.200	.200	.270	.373	.410	.140	.377				
8058-1G57	3	8	.200	.200	.270	.373	.410	.140	.315				
M8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550	Printed Circuit	—		
8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550				
8058-39G1	5	8	.200	.330	.375	.373	.410	.187	.505				
8058-39G3	5	8	.200	.380	.375	.373	.410	.150	.470				
8058-39G5	5	8	.200	.380	.375	.373	.410	.150	.470				
8058-1G49	6	8	.200	.200	.165	N/A	.410	.125	N/A			.125/.155	P
8058-1G47	2	8	.230	.230	.270	.373	.410	.094	.300	Turret	B	.156/.218	N
8058-1G46	3	8	.230	.230	.270	.373	.410	.138	.346	Solder Pocket			
8058-1G45	4	8	.230	.230	.270	.373	.410	.302	.534				PN
8058-39G4	5	8	.230	.380	.375	.373	.410	.155	.467	Printed Circuit	—		
8058-39G6	5	8	.230	.380	.375	.373	.410	.150	.467				
8058-1G50	6	8	.230	.230	.165	N/A	.410	.125	N/A			.125/.165	P
M8058-1G38	2	10	.230	.230	.270	.373	.410	.094	.331	Turret	B	.156/.218	N
M8058-1G22	3	10	.230	.230	.270	.373	.410	.141	.377	Solder Pocket			
M8058-1G31	4	10	.230	.230	.270	.373	.410	.317	.561				
8058-1G31	4	10	.230	.230	.270	.373	.410	.317	.561				
8058-24G1	5	10	.230	.380	.375	.373	.410	.187	.505				
8058-1G34	6	10	.230	.230	.165	N/A	.410	.125	N/A	Printed Circuit	—	.125/.155	P
M8058-1G91	6	10	.230	.230	.165	N/A	.410	.125	N/A				
8058-1G55	5	12	.250	.380	.375	.373	.410	.155	.467			.156/.218	N
8058-1G51	6	12	.280	.280	.165	N/A	.410	.125	N/A			.125/.155	P

* Dimension E ± .031 (0,79)

.155 should be .165

Need more technical information?
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DIMENSIONS: INCHES	DWN R BROWN 28NOV2006	MATERIAL –	FINISH –
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± – ; 1 PLC ± – ; 2 PLC ± – ; 3 PLC ± – ; 4 PLC ± – ; ANGLES ± –	CHK K DeBOCK 28NOV2006	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
	APVD K DeBOCK 28NOV2006		
	PRODUCT SPEC —	NAME SOCKET, 8 PIN PRINTED CIRCUIT	
	APPLICATION SPEC —	SIZE A4 / CAGE CODE 00779 / DRAWING NO C-1437508-5	RESTRICTED TO —
	WEIGHT —	CUSTOMER DRAWING	SCALE NTS / SHEET 2 OF 4 / REV A

LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

8058 & 8060 Series *Transistor Sockets*

PART NUMBER / STANDARD CONFIGURATIONS

Part Number	Figure	Number of Contacts	Pin Circle	A	B	C	D	E*	F Max.	Terminal Style	Mtg. Hole Figure	Transistor Lead Length	Polarization Figure
8060-1G5	3	3	.100	.100	.268	.227	.255	.146	.350	Solder Pocket	A	.156/.218	N
8060-1G17	3	3	.100	.100	.320	.227	.255	.084	.427				
8060-1G9	2	3	.100	.100	.268	.227	.255	.094	.372	Turret			
8060-1G11	4	3	.100	.100	.330	.227	.255	.240	.580	Printed Circuit	—		
8060-1G7	5	3	.100	.200	.410	.227	.255	.170	.616				
8060-1G3	6	3	.100	.150	.195	N/A	.255	.103	N/A			.125/.155	P
8060-1G13	6	3	.100	.100	.195	N/A	.255	.103	N/A				
8060-1G6	3	4	.100	.100	.265	.227	.255	.146	.350	Solder Pocket	A	.156/.218	N
8060-1G10	2	4	.100	.100	.265	.227	.255	.094	.310	Turret			
8060-1G12	4	4	.100	.100	.330	.227	.255	.240	.553	Printed Circuit	—		
8060-1G8	5	4	.100	.200	.390	.227	.255	.187	.530				
8060-1G4	6	4	.100	.150	.195	N/A	.255	.103	N/A			.125/.155	P
8060-1G22	6	4	.100	.100	.195	N/A	.255	.295	N/A				

* Dimension E ± .031 (0,79)

All part number prefixed with (M) meet MIL-83502/1 or MIL-83502/6.

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DIMENSIONS: INCHES	DWN R BROWN 28NOV2006	MATERIAL —	FINISH —
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	CHK K DeBOCK 28NOV2006	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
	APVD K DeBOCK 28NOV2006		
	PRODUCT SPEC —	NAME SOCKET, 8 PIN PRINTED CIRCUIT	
	APPLICATION SPEC —	SIZE A4 / CAGE CODE 00779 / DRAWING NO C-1437508-5	RESTRICTED TO —
	WEIGHT —		
	CUSTOMER DRAWING	SCALE NTS / SHEET 3 OF 4	REV A

LOC	DIST
AD	00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—

Transistor Sockets 8058 & 8060 Series

Figure A
Recommended Chassis Cutout for all 8060 Series panel mount applicaions

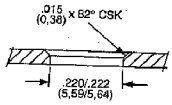
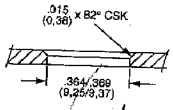


Figure B
Recommended Chassis Cutout for all 8058 Series panel mount applicaions



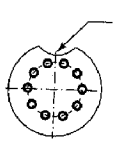


Figure N

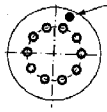


Figure P

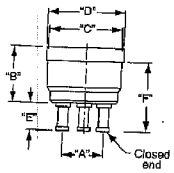


Figure 1

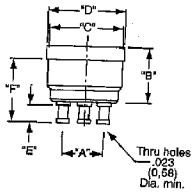


Figure 2

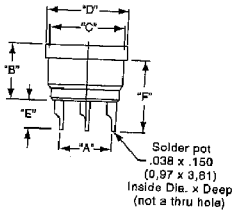


Figure 3

H

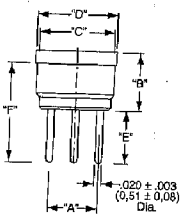


Figure 4

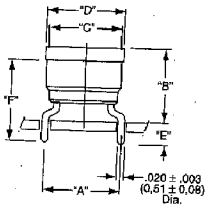


Figure 5

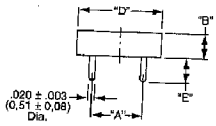


Figure 6

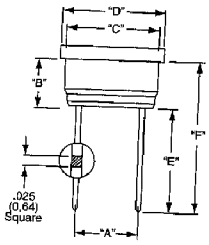


Figure 7

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DIMENSIONS: INCHES	DWN R BROWN 28NOV2006	MATERIAL —	FINISH —
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —	CHK K DeBOCK 28NOV2006	tyco Electronics	Tyco Electronics Corporation Harrisburg, PA 17105-3608
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	PRODUCT SPEC —	NAME SOCKET, 8 PIN PRINTED CIRCUIT	
	APPLICATION SPEC —	SIZE A4 / CAGE CODE 00779 / DRAWING NO C-1437508-5	RESTRICTED TO —
	WEIGHT —	CUSTOMER DRAWING	SCALE NTS / SHEET 4 OF 4 / REV A