

LOC AD	DIST 00	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECO-05-009783	28NOV2006	RB	KD

8058 & 8060 Series Transistor Sockets



8060-1G11



8060-1G6

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
 Withdrawal Force 14 Grams (1/2 oz.) min., .016 dia. +.0002 probe
 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 10⁹ 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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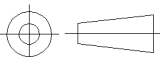
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TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	28NOV2006	tyco Tyco Electronics Corporation Harrisburg, PA 17105-3608 Electronics			
	K DeBOCK					
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD	28NOV2006	NAME SOCKET, 8 PIN PRINTED CIRCUIT			
	K DeBOCK					
	PRODUCT SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	APPLICATION SPEC		A4	00779	1437508-5	
WEIGHT			CUSTOMER DRAWING		SCALE	SHEET
					NTS	1 OF 4
						REV A

LOC AD	DIST 00	REVISIONS			DATE	DWN	APVD
		P	LTR	DESCRIPTION			
				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			
M8058-1G29	3	3	.200	.200	.270	.373	.410	.140	.351	Solder Pocket	B	.156/.218	N
8058-1G29	3	3	.200	.200	.270	.373	.410	.140	.351	Solder Pocket			
8058-1G23	4	3	.200	.200	.270	.373	.410	.302	.544	Printed Circuit			
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	Printed Circuit			
8058-38G6	6	3	.200	.200	.165	N/A	.410	.315	N/A	Printed Circuit			
8058-1G62	7	3	.200	.200	.270	.373	.410	.500	.703	Wirewrap		.125/.155	P
M8058-45G2	1	4	.200	.200	.265	.373	.410	N/A	.406	Turret			
M8058-1G30	3	4	.200	.200	.265	.373	.410	.140	.377	Solder Pocket	B	.156/.218	
8058-1G30	3	4	.200	.200	.270	.373	.410	.140	.347	Printed Circuit			
M8058-1G24	4	4	.200	.200	.270	.373	.410	.317	.550	Printed Circuit			
8058-1G24	4	4	.200	.200	.270	.373	.410	.317	.550	Printed Circuit			
8058-1G63	7	4	.200	.200	.270	.373	.410	.500	.703	Wirewrap		.125/.155	
8058-1G58	2	5	.200	.200	.270	.373	.410	.094	.331	Turret			
8058-1G61	3	5	.200	.200	.270	.373	.410	.140	.336	Solder Pocket	B	.156/.218	N
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	Solder Pocket			
8058-1G42	4	6 at 60°	.200	.200	.270	.373	.410	.317	.561	Printed Circuit			
M8058-1G33	4	6 at 45°	.200	.200	.270	.373	.410	.317	.561	Printed Circuit			
8058-1G48	6	6 at 60°	.200	.200	.165	N/A	.410	.125	N/A	Printed Circuit		.125/.155	P
8058-1G52	6	6 at 45°	.200	.200	.165	N/A	.410	.125	N/A	Printed Circuit			
M8058-1G37	2	8	.200	.200	.270	.373	.410	.094	.336	Turret			
M8058-1G19	3	8	.200	.200	.270	.373	.410	.140	.377	Solder Pocket	B	.156/.218	N
8058-1G19	3	8	.200	.200	.270	.373	.410	.140	.377	Solder Pocket			
8058-1G57	3	8	.200	.200	.270	.373	.410	.140	.315	Printed Circuit			
M8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550	Printed Circuit			
8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550	Printed Circuit			
8058-39G1	5	8	.200	.330	.375	.373	.410	.187	.505	Turret	B	.156/.218	N
8058-39G3	5	8	.200	.380	.375	.373	.410	.150	.470	Printed Circuit			
8058-39G5	5	8	.200	.380	.375	.373	.410	.150	.470	Printed Circuit			
8058-1G49	6	8	.200	.200	.165	N/A	.410	.125	N/A	Turret		.125/.155	P
8058-1G47	2	8	.230	.230	.270	.373	.410	.138	.346	Solder Pocket	B	.156/.218	N
8058-1G46	3	8	.230	.230	.270	.373	.410	.302	.534	Printed Circuit			
8058-39G4	5	8	.230	.380	.375	.373	.410	.155	.467	Printed Circuit			
8058-39G6	5	8	.230	.380	.375	.373	.410	.150	.467	Printed Circuit			
8058-1G50	6	8	.230	.230	.165	N/A	.410	.125	N/A	Turret		.125/.165	P
M8058-1G38	2	10	.230	.230	.270	.373	.410	.094	.331	Solder Pocket	B	.156/.218	N
M8058-1G22	3	10	.230	.230	.270	.373	.410	.141	.377	Printed Circuit			
M8058-1G31	4	10	.230	.230	.270	.373	.410	.317	.561	Printed Circuit			
8058-1G31	4	10	.230	.230	.270	.373	.410	.317	.561	Printed Circuit			
8058-24G1	5	10	.230	.380	.375	.373	.410	.187	.505	Printed Circuit			
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	Printed Circuit		.156/.218	N
8058-1G55	5	12	.250	.380	.375	.373	.410	.155	.467	Printed Circuit		.125/.155	P
8058-1G51	6	12	.280	.280	.165	N/A	.410	.125	N/A	Printed Circuit		.156/.218	N
												.125/.155	P

* Dimension B ± .031
(0.79)

↑
.155 should be
.165

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	K DeBOCK			
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD	28NOV2006	Tyco Electronics Corporation Harrisburg, PA 17105-3608	
	K DeBOCK			
PRODUCT SPEC	NAME	SOCKET, 8 PIN PRINTED CIRCUIT		
	APPLICATION SPEC			
WEIGHT	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		A4	00779	© 1437508-5
CUSTOMER DRAWING		SCALE	SHEET	REV
		NTS	2 OF 4	A

LOC	DIST	REVISIONS					
AD	00	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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WEIGHT			CUSTOMER DRAWING		SCALE	SHEET	REV
					NTS	3 OF 4	A

LOC AD	DIST 00	REVISIONS			DATE	DWN	APVD
		P	LTR	DESCRIPTION			
				SEE SHEET 1			

Transistor Sockets 8058 & 8060 Series

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

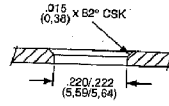


Figure B
Recommended Chassis Cutout
for all 8058 Series panel
mount applications

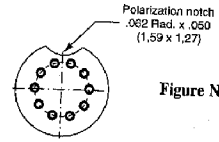
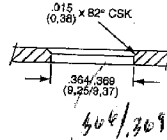


Figure N

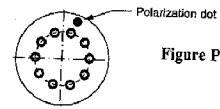


Figure P

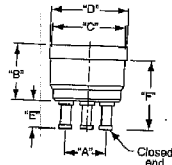


Figure 1

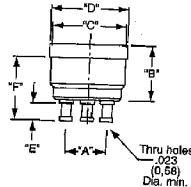


Figure 2

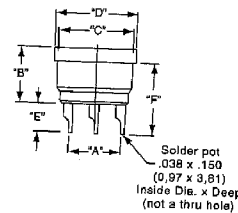


Figure 3

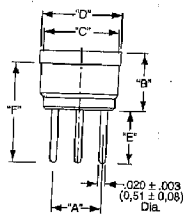


Figure 4

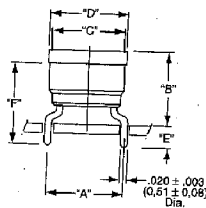


Figure 5

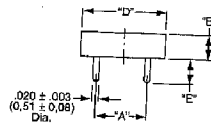


Figure 6

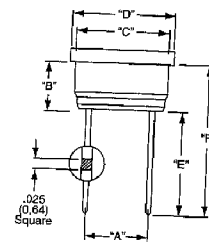


Figure 7

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	K DeBOCK		SIZE	CAGE CODE
CUSTOMER DRAWING	PRODUCT SPEC		DRAWING NO	RESTRICTED TO
	APPLICATION SPEC		A4 00779	© 1437508-5
SCALE NTS	WEIGHT		SHEET	4 OF 4
			REV	A