

LOC	DIST	REVISIONS					
AD	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
		A1		REVISED PER ECO-11-004587	21MAR11	RK	HMR

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 10⁶ 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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DIMENSIONS:		DWN	28NOV2006	MATERIAL	FINISH	
INCHES		R	BROWN	-		-
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	28NOV2006			
0 PLC ± -		K	DeBOCK			
1 PLC ± -		APVD	28NOV2006			
2 PLC ± -		K	DeBOCK			
3 PLC ± -		PRODUCT SPEC	-	NAME		
4 PLC ± -		APPLICATION SPEC	-	SOCKET, 8 PIN PRINTED CIRCUIT		
ANGLES ± -		WEIGHT	-	SIZE	CAGE CODE	DRAWING NO
				A4	00779	©= 1437508-5
CUSTOMER DRAWING				RESTRICTED TO	-	
				SCALE	NTS	SHEET 1 OF 4
				REV	A1	

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AD	00	P	LTR	DESCRIPTION				
				SEE SHEET 1				

Transistor Sockets 8058 & 8060 Series

PART NUMBER / STANDARD CONFIGURATIONS

Part Number	Figure	No. of Contacts	Ptn 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	.265	.373	.410	.140	.377	Solder Pocket			
M8058-1G24	4	4	.200	.200	.270	.373	.410	.347	.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	.094	.300	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			
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			
8058-1G52	6	6 at 45°	.200	.200	.165	N/A	.410	.125	N/A	Printed Circuit		.125/155	P
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			
8058-1G37	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	Printed Circuit			
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	5	8	.200	.200	.165	N/A	.410	.125	N/A	Printed Circuit			
8058-1G47	2	8	.230	.230	.270	.373	.410	.094	.306	Turret	B	.125/155	P
8058-1G46	3	8	.230	.230	.270	.373	.410	.138	.346	Solder Pocket			
8058-1G45	4	8	.230	.230	.270	.373	.410	.302	.534	Printed Circuit		.156/218	N
8058-39G4	5	8	.230	.380	.375	.373	.410	.155	.467	Printed Circuit			
8058-39G6	5	8	.230	.380	.375	.373	.410	.155	.467	Printed Circuit			
8058-1G50	6	8	.230	.230	.165	N/A	.410	.125	N/A	Printed Circuit		.125/165	PN
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	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		.125/155	P

* Dimension B ± .031 (0.79)


↑
.155 should be .165

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DIMENSIONS: INCHES	DWN 28NOV2006	MATERIAL	FINISH
TOLERANCES UNLESS OTHERWISE SPECIFIED:	R BROWN		
0 PLC ± -	CHK K DeBOCK 28NOV2006	 TE Connectivity	
1 PLC ± -	APVD K DeBOCK 28NOV2006		
2 PLC ± -	PRODUCT SPEC	NAME SOCKET, 8 PIN PRINTED CIRCUIT	
3 PLC ± -	APPLICATION SPEC	SIZE	CAGE CODE
4 PLC ± -		A4	00779
ANGLES ± -	WEIGHT	DRAWING NO	RESTRICTED TO
		©= 1437508-5	
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			REV A1

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	Mfg. 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	Solder Pocket	A		
8060-1G9	2	3	.100	.100	.268	.227	.255	.094	.372	Turret		.125/.155	P
8060-1G11	4	3	.100	.100	.330	.227	.255	.240	.580	Turret			
8060-1G7	5	3	.100	.200	.410	.227	.255	.170	.616	Printed Circuit		.156/.218	N
8060-1G3	6	3	.100	.150	.195	N/A	.255	.103	N/A	Printed Circuit			
8060-1G13	6	3	.100	.100	.195	N/A	.255	.103	N/A	Printed Circuit		.125/.155	P
8060-1G6	3	4	.100	.100	.265	.227	.255	.146	.350	Solder Pocket	A		
8060-1G10	2	4	.100	.100	.265	.227	.255	.094	.310	Turret		.156/.218	N
8060-1G12	4	4	.100	.100	.330	.227	.255	.240	.553	Turret			
8060-1G8	5	4	.100	.200	.390	.227	.255	.187	.530	Printed Circuit		.125/.155	P
8060-1G4	6	4	.100	.150	.195	N/A	.255	.103	N/A	Printed Circuit			
8060-1G22	6	4	.100	.100	.195	N/A	.255	.295	N/A	Printed Circuit		.125/.155	P
										Printed Circuit			

* 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	28NOV2006	MATERIAL	FINISH			
	R BROWN						
TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	28NOV2006					
	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 —	APPLICATION SPEC	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
	—	—	A4	00779	©= 1437508-5	—	
WEIGHT	—	CUSTOMER DRAWING		SCALE	NTS	SHEET 3 OF 4	REV A1

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

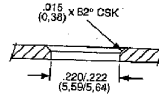


Figure B
Recommended Chassis Cutout
for all 8058 Series panel
mount applications

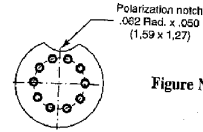
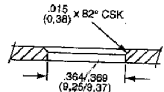


Figure N

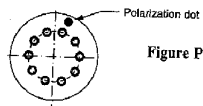


Figure P

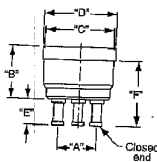


Figure 1

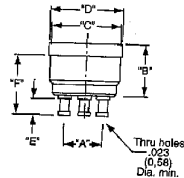


Figure 2

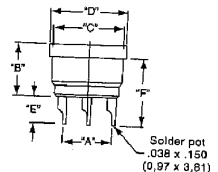


Figure 3

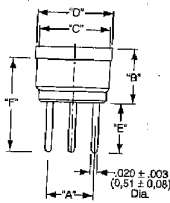


Figure 4

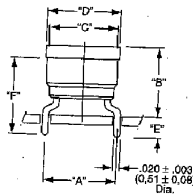


Figure 5

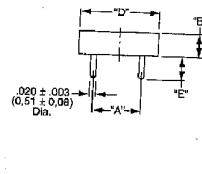


Figure 6

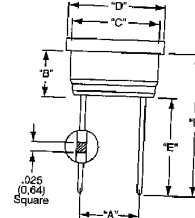


Figure 7

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DIMENSIONS: INCHES		DWN R BROWN	28NOV2006	MATERIAL	FINISH		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK K DeBOCK	28NOV2006				
0 PLC ± -		APVD K DeBOCK	28NOV2006				
1 PLC ± -		PRODUCT SPEC	—	NAME SOCKET, 8 PIN PRINTED CIRCUIT			
2 PLC ± -		APPLICATION SPEC	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
3 PLC ± -		—	—	A4	00779	©= 1437508-5	—
4 PLC ± -		—	—	CUSTOMER DRAWING			SCALE NTS
ANGLES ± -		WEIGHT	—	SHEET 4 OF 4			REV A1