

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED	08MAY2017	R.Z	C.W

Transistor Sockets

8058 & 8060 Series



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

Note: Before ordering, see Cross Reference in Section 15 for equivalent Tyco Electronics Part Number.

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 10⁶ Megohms, MIL-STD -1344, Method 3003
Capacitance 2 pF Max., MIL-STD -202, Method 305

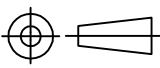
ENVIRONMENTAL

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	08MAY2017	MATERIAL		FINISH	
INCHES		RAMBO ZHANG		-		-	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	08MAY2017	 TE Connectivity			
		SIMON LI					
		APVD	08MAY2017				
		COREL WANG					
0 PLC ± -		PRODUCT SPEC		NAME			
1 PLC ± -		-		8058&8060 SERIES			
2 PLC ± -		APPLICATION SPEC		TRANSISTOR SOCKETS			
3 PLC ± -		-		SIZE		CAGE CODE	DRAWING NO
4 PLC ± -		WEIGHT		A4		00779	© 1437504-4
ANGLES ± -		CUSTOMER DRAWING		SCALE		SHEET	RESTRICTED TO
				NTS		1 OF 4	REV A

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

Transistor Sockets

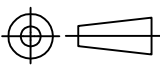
8058 & 8060 Series

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	Printed Circuit	—	.125/155	P
M8058-1G23	4	3	.200	.200	.270	.373	.410	.302	N/A				
8058-1G39	6	3	.200	.200	.165	N/A	.410	.125	N/A				
8058-38G6	6	3	.200	.200	.165	N/A	.410	.315	N/A	Wirewrap	B	.156/218	N
8058-1G62	7	3	.200	.200	.270	.373	.410	.500	.703				
M8058-45G2	1	4	.200	.200	.265	.373	.410	N/A	.406	Turret			
M8058-1G30	3	4	.200	.200	.265	.373	.410	.140	.377				
8058-1G30	3	4	.200	.200	.270	.373	.410	.140	.347				
M8058-1G24	4	4	.200	.200	.270	.373	.410	.347	.550	Printed Circuit	—	.125/155	N
8058-1G24	4	4	.200	.200	.270	.373	.410	.317	.550				
8058-1G63	7	4	.200	.200	.270	.373	.410	.500	.703				
8058-1G38	2	5	.200	.200	.270	.373	.410	.094	.331	Wirewrap	B	.156/218	N
8058-1G61	3	5	.200	.200	.270	.373	.410	.140	.336				
M8058-1G39	2	6 at 45°	.200	.200	.270	.373	.410	.094	.300				
8058-1G43	3	6 at 60°	.200	.200	.270	.373	.410	.140	.370	Turret	Solder Pocket	.156/218	N
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				
M8058-1G33	4	6 at 45°	.200	.200	.270	.373	.410	.317	.561	Printed Circuit	—	.125/155	P
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				
8058-1G19	3	8	.200	.200	.270	.373	.410	.140	.377				
8058-1G37	3	8	.200	.200	.270	.373	.410	.140	.315	Solder Pocket	—	.125/155	P
M8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550				
8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550				
8058-39G1	5	8	.200	.330	.375	.373	.410	.187	.505	Printed Circuit	B	.156/218	N
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	Turret	—	.125/155	P
8058-1G47	2	8	.230	.230	.270	.373	.410	.094	.300				
8058-1G46	3	8	.230	.230	.270	.373	.410	.138	.346				
8058-1G45	4	8	.230	.230	.270	.373	.410	.302	.534	Solder Pocket	B	.156/218	N
8058-39G4	5	8	.230	.380	.375	.373	.410	.155	.467				
8058-39G6	5	8	.230	.380	.375	.373	.410	.150	.467				
8058-1G30	6	8	.230	.230	.165	N/A	.410	.125	N/A	Printed Circuit	—	.125/165	P
M8058-1G38	2	10	.230	.230	.270	.373	.410	.094	.331				
M8058-1G22	3	10	.230	.230	.270	.373	.410	.141	.377	Turret			
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	Printed Circuit	—	.125/155	P
8058-1G34	6	10	.230	.230	.165	N/A	.410	.125	N/A				
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				

* Dimension E ± .031
(0,79)

Note: Before ordering, see Cross Reference in Section 15 for equivalent Tyco Electronics Part Number.

DIMENSIONS:		DWN	08MAY2017	MATERIAL		FINISH					
INCHES		RAMBO ZHANG		—		—					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	08MAY2017	 TE Connectivity							
		SIMON LI									
		APVD	08MAY2017								
		COREL WANG									
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		PRODUCT SPEC		NAME 8058&8060 SERIES TRANSISTOR SOCKETS							
		—									
		APPLICATION SPEC									
		—									
		WEIGHT		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
		—		A4		00779		C= 1437504-4		—	
CUSTOMER DRAWING				SCALE		SHEET		2 OF 4		REV	
				NTS						A	

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

Transistor Sockets

8058 & 8060 Series

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	—	.125/.155	P
8060-1G7	5	3	.100	.200	.410	.227	.255	.170	.616				
8060-1G3	6	3	.100	.150	.195	N/A	.255	.103	N/A				
8060-1G13	6	3	.100	.100	.195	N/A	.255	.103	N/A	Solder Pocket	A	.156/.218	N
8060-1G6	3	4	.100	.100	.265	.227	.255	.146	.350				
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	—	.125/.155	P
8060-1G8	5	4	.100	.200	.390	.227	.255	.187	.530				
8060-1G4	6	4	.100	.150	.195	N/A	.255	.103	N/A				
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.

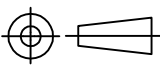
Note: Before ordering, see Cross Reference in Section 15 for equivalent Tyco Electronics Part Number.

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DIMENSIONS: INCHES	DWN	08MAY2017	MATERIAL	FINISH		
	CHK	08MAY2017	 TE Connectivity			
	APVD	08MAY2017				
	PRODUCT SPEC					
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	—		NAME		
0 PLC ± —	APPLICATION SPEC		8058&8060 SERIES			
1 PLC ± —	—		TRANSISTOR SOCKETS			
2 PLC ± —	—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
3 PLC ± —	—		A4	00779	© 1437504-4	—
4 PLC ± —	—					
ANGLES ± —	—					
	WEIGHT					
CUSTOMER DRAWING			SCALE	SHEET	REV	
			NTS	3 OF 4	A	

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

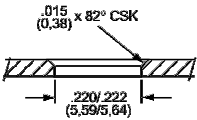


Figure B
Recommended Chassis Cutout
for all 8058 Series panel
mount applicaions

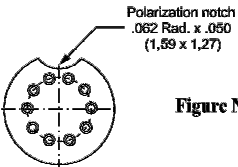
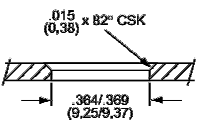


Figure N

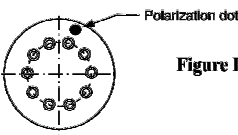


Figure P

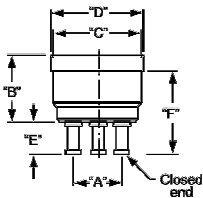


Figure 1

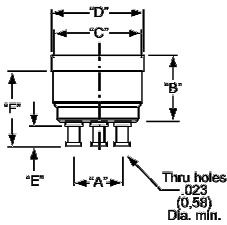


Figure 2

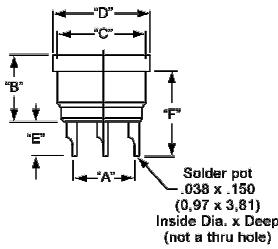


Figure 3

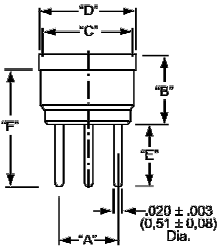


Figure 4

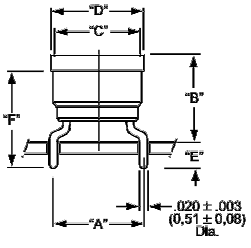


Figure 5

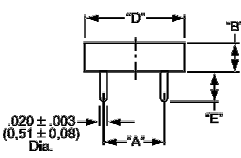


Figure 6

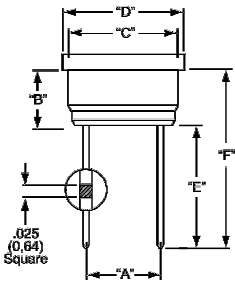


Figure 7

Note: Before ordering, see Cross Reference in Section 15 for equivalent Tyco Electronics Part Number.

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DIMENSIONS:		DWN	08MAY2017	MATERIAL	-		FINISH	-							
INCHES		RAMBO ZHANG		TE Connectivity											
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	08MAY2017												
		SIMON LI													
		APVD	08MAY2017												
COREL WANG		NAME 8058&8060 SERIES TRANSISTOR SOCKETS													
PRODUCT SPEC															
-															
APPLICATION SPEC		SIZECAGE CODEDRAWING NORESTRICTED TO													
-															
WEIGHT		A400779C=1437504-4													
-		CUSTOMER DRAWING						SCALE	NTS	SHEET	4	OF	4	REV	A
0 PLC ± -															
1 PLC ± -															
2 PLC ± -															
3 PLC ± -															
4 PLC ± -															
ANGLES ± -															
