

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:

InsulatorTeflon
SleeveBrass
Contact PlatingBeryllium copper
PlatingContact gold, sleeve gold

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

PERFORMANCE SPECIFICATIONS:

MECHANICAL

VibrationPassed MIL-STD -1344, Method 2005, 15 G's,
10 to 2,000 cycles
Mechanical ShockPassed MIL-STD -1344, Method 2004, 10 G's,
1 to 9,000 cycles
Durability50 Insertions and withdrawals,
MIL-S-83502/ 1, Sec. 4.7.12
Insertion Force4.0 lb. max., .020 dia. +.0000 probe
-.0002
Withdrawal Force14 Grams (1/2 oz.) min. .016 dia. +.0002 probe
-.0001
SolderabilityMIL-STD- 202, Method 208

ELECTRICAL

Bulk Contact
Resistance20 Milliohms max. per MIL-S-83502/1
Current Rating3 Amp DC, contact rating
Operating Voltage500 VDC @ atmospheric pressure
Dielectric Withstanding
Voltage600 VAC per MIL-STD -1344 , Method 3001
Insulation Resistance2 x 10⁶ Megohms, MIL-STD -1344, Method 3003
Capacitance2 pF Max., MIL-STD -202, Method 305

ENVIRONMENTAL

Operating Temperature-55°C to +125°C
Corrosive Atmosphere30 milliohms, ammonium polysulfide 10 ppm per
MIL-S-83502/1 Sec. 4.7.17
Moisture Resistance30 Milliohms max., MIL-STD -202, Method 106
Thermal ShockMIL-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					
PRODUCT SPEC		NAME		8058&8060 SERIES			
APPLICATION SPEC		SIZE		CAGE CODE		DRAWING NO	
WEIGHT		A4		00779		C= 1437504-4	
CUSTOMER DRAWING		SCALE		SHEET		REV	
		NTS		1 OF 4		A	

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

Transistor Sockets

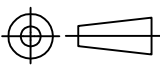
8058 & 8060 Series

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	Solder Pocket				
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					
M8058-1G30	3	4	.200	.200	.265	.373	.410	.140	.377	Turret	—	.125/155	P	
8058-1G30	3	4	.200	.200	.270	.373	.410	.140	.347	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	Wirewrap	B	.156/218	N	
8058-1G63	7	4	.200	.200	.270	.373	.410	.500	.703					
8058-1G38	2	5	.200	.200	.270	.373	.410	.094	.331					Turret
8058-1G61	3	5	.200	.200	.270	.373	.410	.140	.336	Solder Pocket	—	.125/155	P	
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	Printed Circuit	B	.156/218	N	
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					
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					
M8058-1G37	2	8	.200	.200	.270	.373	.410	.094	.336					
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					
8058-1G37	3	8	.200	.200	.270	.373	.410	.140	.315					
M8058-1G32	4	8	.200	.200	.270	.373	.410	.317	.550	Printed Circuit	—	.125/155	P	
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	Turret	B	.156/218	N	
8058-39G5	5	8	.200	.380	.375	.373	.410	.150	.470					
8058-1G49	6	8	.200	.200	.165	N/A	.410	.125	N/A					
8058-1G47	2	8	.230	.230	.270	.373	.410	.094	.300	Turret	—	.125/165	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				B
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					Turret
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	B	.156/218	N	
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					
8058-1G51	6	12	.280	.280	.165	N/A	.410	.125	N/A	Printed Circuit	—	.125/155	P	

* 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 ± —		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		2 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	Number of Contacts	Pin Circle	A	B	C	D	E*	F Max.	Terminal Style	Mtg. Hole Figure	Transistor Lead Length	Polarization Figure
8060-IG5	3	3	.100	.100	.268	.227	.255	.146	.350	Solder Pocket	A	.156/.218	N
8060-IG17	3	3	.100	.100	.320	.227	.255	.084	.427				
8060-IG9	2	3	.100	.100	.268	.227	.255	.094	.372	Turret			
8060-IG11	4	3	.100	.100	.330	.227	.255	.240	.580	Printed Circuit	—	.125/.155	P
8060-IG7	5	3	.100	.200	.410	.227	.255	.170	.616				
8060-IG3	6	3	.100	.150	.195	N/A	.255	.103	N/A				
8060-IG13	6	3	.100	.100	.195	N/A	.255	.103	N/A	Solder Pocket	A	.156/.218	N
8060-IG6	3	4	.100	.100	.265	.227	.255	.146	.350				
8060-IG10	2	4	.100	.100	.265	.227	.255	.094	.310	Turret			
8060-IG12	4	4	.100	.100	.330	.227	.255	.240	.553	Printed Circuit	—	.125/.155	P
8060-IG8	5	4	.100	.200	.390	.227	.255	.187	.530				
8060-IG4	6	4	.100	.150	.195	N/A	.255	.103	N/A				
8060-IG22	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					
	NAME	8058&8060 SERIES TRANSISTOR SOCKETS				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	APVD	08MAY2017	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	PRODUCT SPEC		A4	00779	© 1437504-4	
	APVD	08MAY2017	SCALE	SHEET	OF	REV
CUSTOMER DRAWING			NTS	3	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

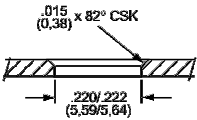


Figure B
Recommended Chassis Cutout
for all 8058 Series panel
mount applicaions

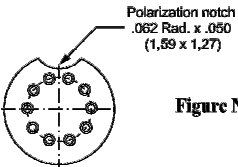
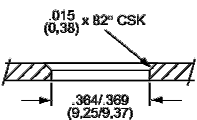


Figure N

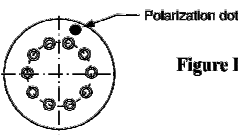


Figure P

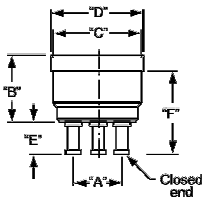


Figure 1

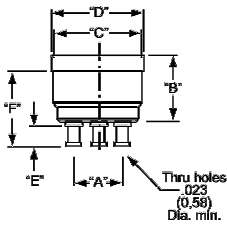


Figure 2

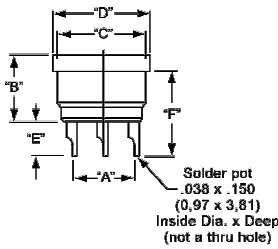


Figure 3

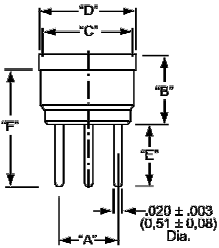


Figure 4

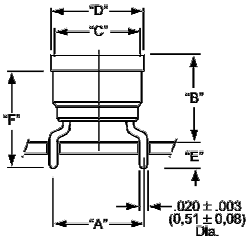


Figure 5

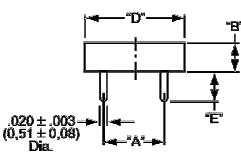


Figure 6

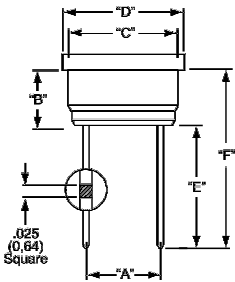


Figure 7

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