

LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	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 -.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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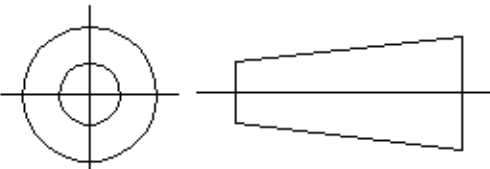
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DIMENSIONS:		DWN	28NOV2006	MATERIAL	FINISH
INCHES		R BROWN		—	—
TOLERANCES UNLESS OTHERWISE SPECIFIED:		CHK	28NOV2006	TE Connectivity	
		K DeBOCK			
		APVD	28NOV2006		
		K DeBOCK			
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1 PLC	± —	—			
2 PLC	± —				
3 PLC	± —	APPLICATION SPEC		SIZE	
4 PLC	± —	—			
ANGLES	± —	WEIGHT		CAGE CODE	
		CUSTOMER DRAWING		DRAWING NO	
				RESTRICTED TO	
				—	
				SCALE	
				SHEET	
				1 OF 4	
				REV	
				A1	

LOC	DIST	REVISIONS						
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			—	SEE SHEET 1				DWN
								APVD

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				
8058-1G59	6	3	.200	.200	.165	N/A	.410	.125	N/A				
8058-38G6	6	3	.200	.200	.165	N/A	.410	.315	N/A	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	B	.156/.218	N
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	.125/.155	N
8058-1G63	7	4	.200	.200	.270	.373	.410	.500	.703				
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	Printed Circuit	—	.125/.155	P
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	Turret	B	.156/.218	N
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	Printed Circuit	—	.125/.155	P
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	Turret	B	.156/.218	N
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	Printed Circuit	—	.125/.155	P
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	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	Printed Circuit	—	.125/.165	P
8058-39G4	5	8	.230	.380	.375	.373	.410	.155	.467				
8058-39G6	5	8	.230	.380	.375	.373	.410	.150	.467				
8058-1G50	6	8	.230	.230	.165	N/A	.410	.125	N/A	Turret	B	.156/.218	N
M8058-1G38	2	10	.230	.230	.270	.373	.410	.094	.331				
M8058-1G22	3	10	.230	.230	.270	.373	.410	.141	.377				
M8058-1G31	4	10	.230	.230	.270	.373	.410	.317	.561	Printed Circuit	—	.125/.155	P
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	Turret	B	.156/.218	N
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			.125/.155	P

* Dimension E ± .031
(0,79)

↑
.155 should be
.165

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TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	28NOV2006		
	K DeBOCK			
	APVD	28NOV2006		
	K DeBOCK			
0 PLC ± —	PRODUCT SPEC		NAME SOCKET, 8 PIN PRINTED CIRCUIT	
1 PLC ± —	—			
2 PLC ± —	APPLICATION SPEC			
3 PLC ± —	—			
4 PLC ± —	WEIGHT	—	SIZE	CAGE CODE
ANGLES ± —			A4	00779
	CUSTOMER DRAWING		DRAWING NO	1437508-5
			RESTRICTED TO	—
			SCALE	NTS
			SHEET	2 of 4
			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	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.

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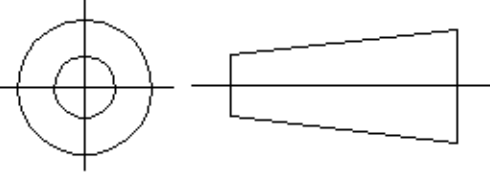
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		K DeBOCK				
		APVD	28NOV2006			
		K DeBOCK				
0 PLC ± —		PRODUCT SPEC		NAME		
1 PLC ± —		—		SOCKET, 8 PIN PRINTED CIRCUIT		
2 PLC ± —		APPLICATION SPEC				
3 PLC ± —		—				
4 PLC ± —						
ANGLES ± —		WEIGHT		SIZE	CAGE CODE	
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		3 of 4		—		
		REV		A1		

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		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 applications

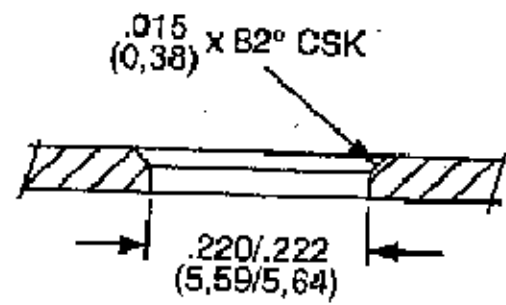


Figure B
Recommended Chassis Cutout
for all 8058 Series panel
mount applications

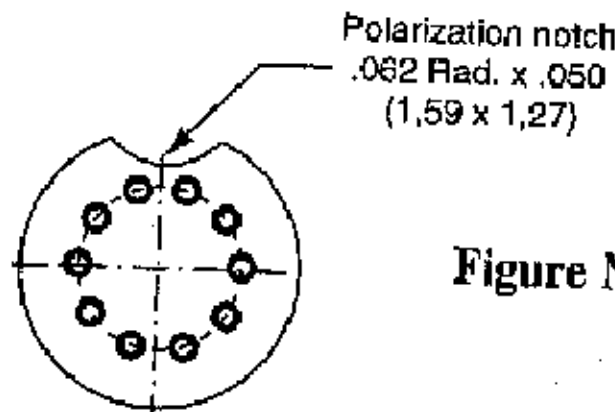
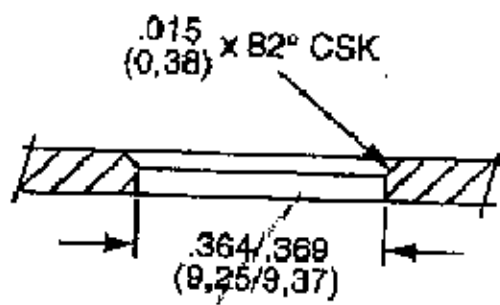


Figure N

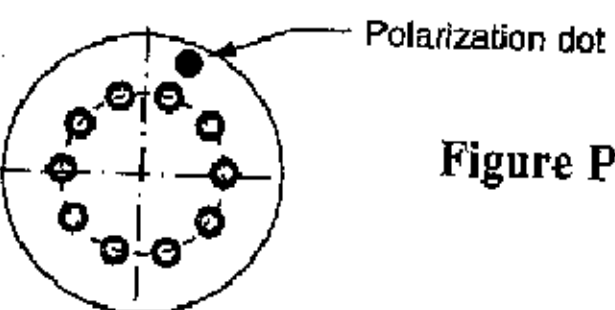


Figure P

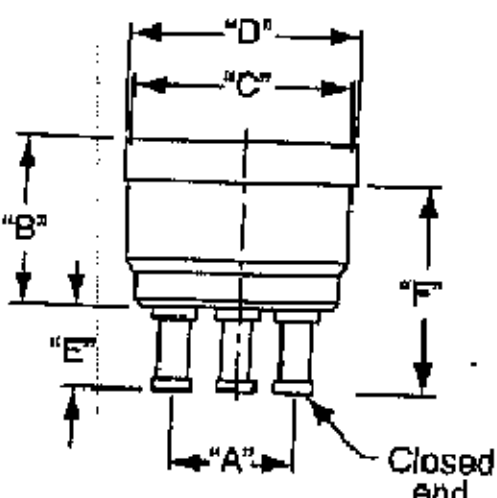


Figure 1

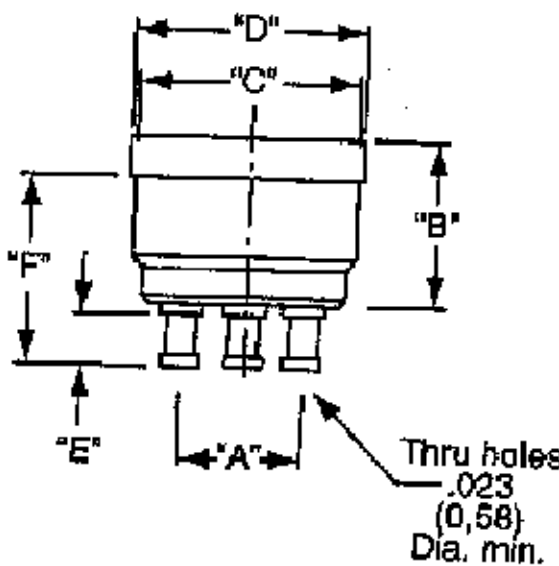


Figure 2

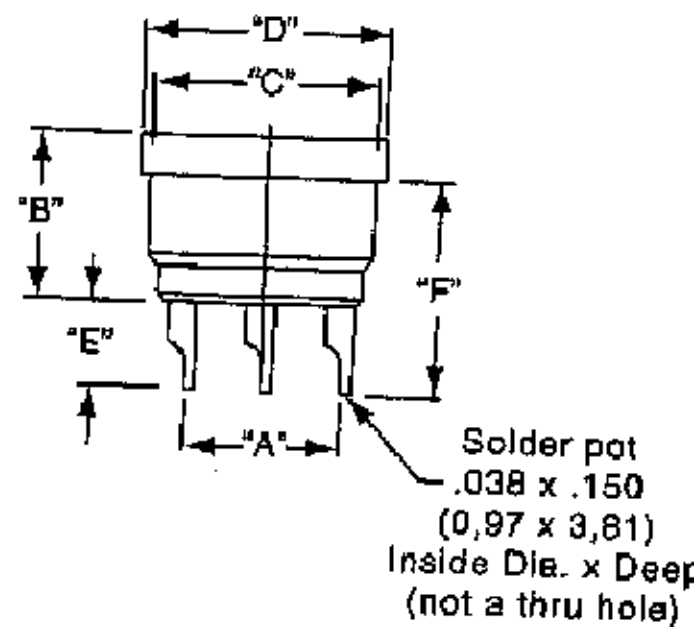


Figure 3

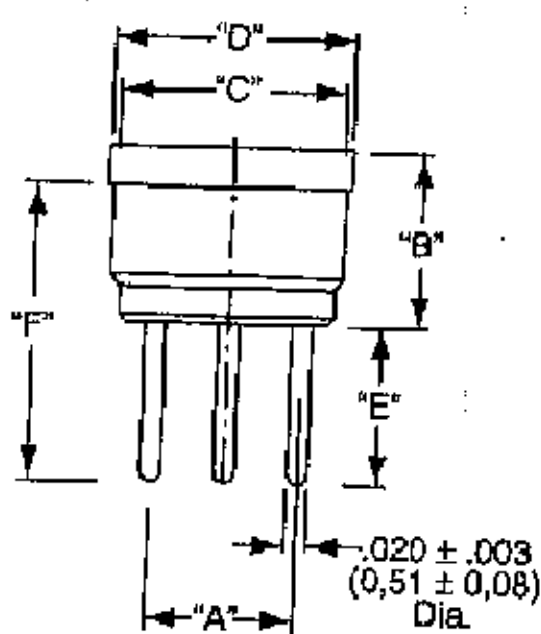


Figure 4

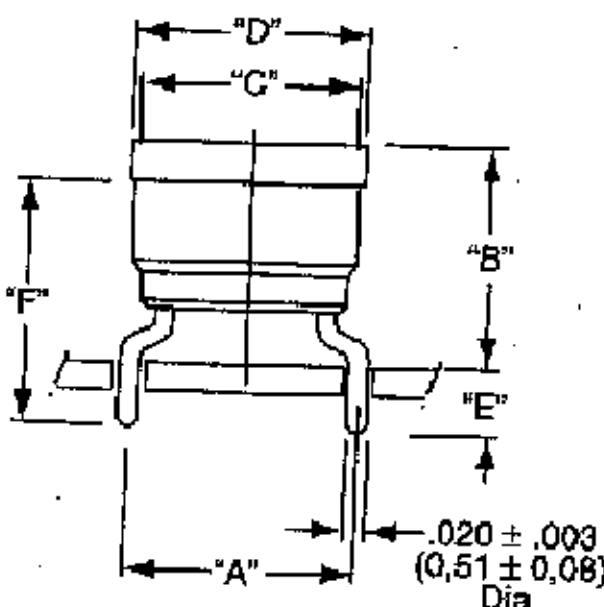


Figure 5

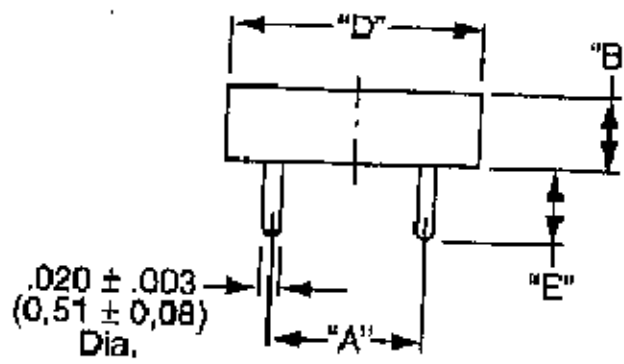


Figure 6

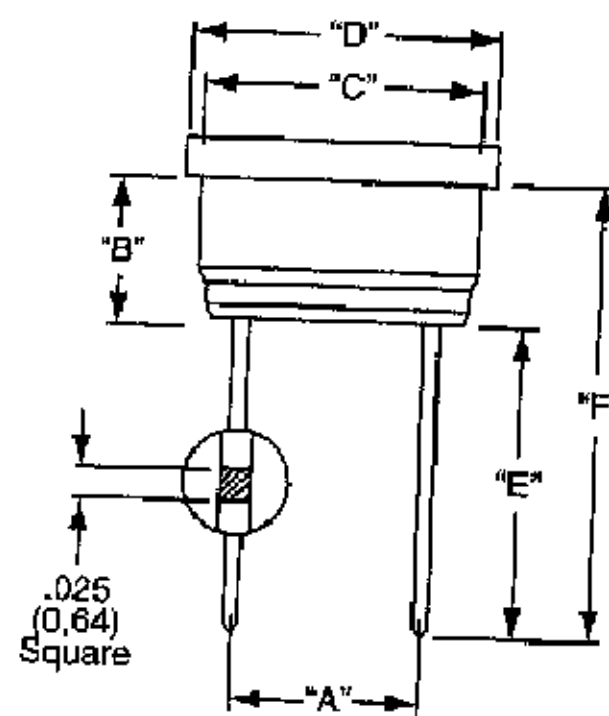


Figure 7

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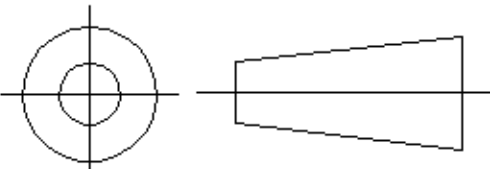
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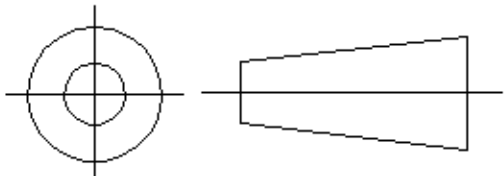
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DIMENSIONS: INCHES		DWN R BROWN	28NOV2006	MATERIAL —		FINISH —	
		CHK K DeBOCK	28NOV2006	TE Connectivity			
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K DeBOCK	28NOV2006				
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		APPLICATION SPEC —					
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1 PLC ± —							
2 PLC ± —		CUSTOMER DRAWING					
3 PLC ± —							
4 PLC ± —							
ANGLES ± —		SCALE NTS					
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