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P / N	INTERFACE(S)	(Ø A)	(B)	(C)	REVISIONS				
					DESCRIPTION(S)				
					ZONE	REV.	DATE		
-1CC	FULL DETENT	.116	.090	.095	—	H	ECO 12857	03.20.01	P.MAO
-2CC	LIMITED DETENT	.120	.090	.095	—	J	ECO 17022	06.02.04	JF
-3CC	SMOOTH BORE	.125	.090	.095	—	K	ECO 19532	08.30.06	DKN

D

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C

C

4. DIMENSIONS SHOWN ARE FOR ROGERS 4350 PCB MATERIAL.
THESE DIMENSIONS MAY VARY DEPENDING ON PCB MATERIAL USED.

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body & Center Conductor: BeCu alloy per ASTM B-196. Dielectric: PTFE per ASTM D-1710.	Impedance: 50 Ohms nominal. Frequency Range: DC to 18.0 GHz. VSWR: 1.06 + .005*(GHz). Insertion Loss: .10 dB max to 18.0 GHz. Working Voltage: 600 Vrms max @ sea level. 150 Vrms max @ 70,000 ft. Dielectric Withstanding Voltage: 500 Vrms min. R.F. HiPot Voltage: 325 Vrms min @ 5MHz. Corona Level: 190 Vrms @ 70,000 ft. Insulation Resistance: 5000 MegOhms min. Contact Resistance: Center Contact: 4.0 Milliohm max. Outer Contact: 2.0 Milliohm max. R.F. Leakage: -80 dB max to 3.0 GHz -60 dB max to 18.0 GHz	Mating Characteristics: Interface per Mil-Std-348. Force To Engage & Disengage: Engage: 15 pounds max. Disengage: 5 pounds min. Center Contact Retention: Axial Force: 1.5 pounds min. Note: 10 lbs min. when c/c is solder-on to PCB Radial Torque: NA Connector Durability: 100 cycles min. Connector Attachment Strength: 20 lbs max (depend on the solder techniques)	Temperature Range: -65°C to +165°C. Thermal Shock: Mil-Std-202, Method 107, Test Cond. C. Moisture Resistance: Mil-Std-202, Method 106, except step 7b shall be omitted. Insulation resistance at least 1000 MegOhms within 5 minutes after removal from humidity. Corrosion: Mil-Std-202, Method 101, Test Cond. B. Vibration: Mil-Std-202, Method 204, Test Cond. D. Shock: Mil-Std-202, Method 213, Test Cond. I.

B

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A

A

FINISH:	APPLICABLE TENSOLITE DOCUMENTS				TOLERANCES AND NOTES			
	WORK STD	PROD INST	ASSY INST		DIMENSIONS EXCEPT AS NOTED			
	NA	NA	NA	NA	LINEAR .XX ±.015 ANGULAR ± 1/2° FRACTION 1/32			
					1. MACHINE FINISH:  R16S			
	NOTICE THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETARY DESIGN ORIGINATED BY TENSOLITE COMPANY AND ALL DESIGN, MANUFACTURING AND INVENTION RIGHTS ARE RESERVED. IT IS SUBMITTED UNDER A CONFIDENTIALITY AGREEMENT AND IS NOT TO BE REPRODUCED, COPIED, OR DISCLOSED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF TENSOLITE COMPANY. BY ACCEPTING THIS DRAWING NOT TO SUPPLY OR DISCLOSE ANY INFORMATION TO OTHER PRODUCTS AND SPECIFICATIONS, TENSOLITE COMPANY AGREES TO HOLD THE INFORMATION IN CONFIDENCE AND TO HOLD TENSOLITE COMPANY AND ITS SUBSIDIARIES AND AFFILIATES HARMLESS FROM AND AGAINST ALL SUCH CLAIMS AND DAMAGES. ALL PATENT RIGHTS HERETO ARE EXPRESSLY RESERVED BY TENSOLITE COMPANY, LONG BEACH, CALIFORNIA 90815.				3. MACHINED FILLETS .0005 MAX. 4. MACHINED SURFACES SQUARE TO RESPECTIVE DIMENSIONS UNLESS OTHERWISE SPECIFIED. 5. MACHINED DIAMETERS CONCENTRIC WITHIN .0005 MAX. 6. DIMENSIONS TO BE MET BEFORE PLATING. 7. DIMENSIONS AFTER PLATING. 8. REMOVE FRAMED EDGES ON TOLON. 9. REMOVE FRAMED EDGES ON TOLON. 10. REMOVE ALL BURRS.			
Body & Center Conductor: Gold plate per ASTM B-488, over nickel under plate per AMS-QQ-N-290.								

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ENG-DWG REV. A

DRAWING NO.	P606
REV.	K

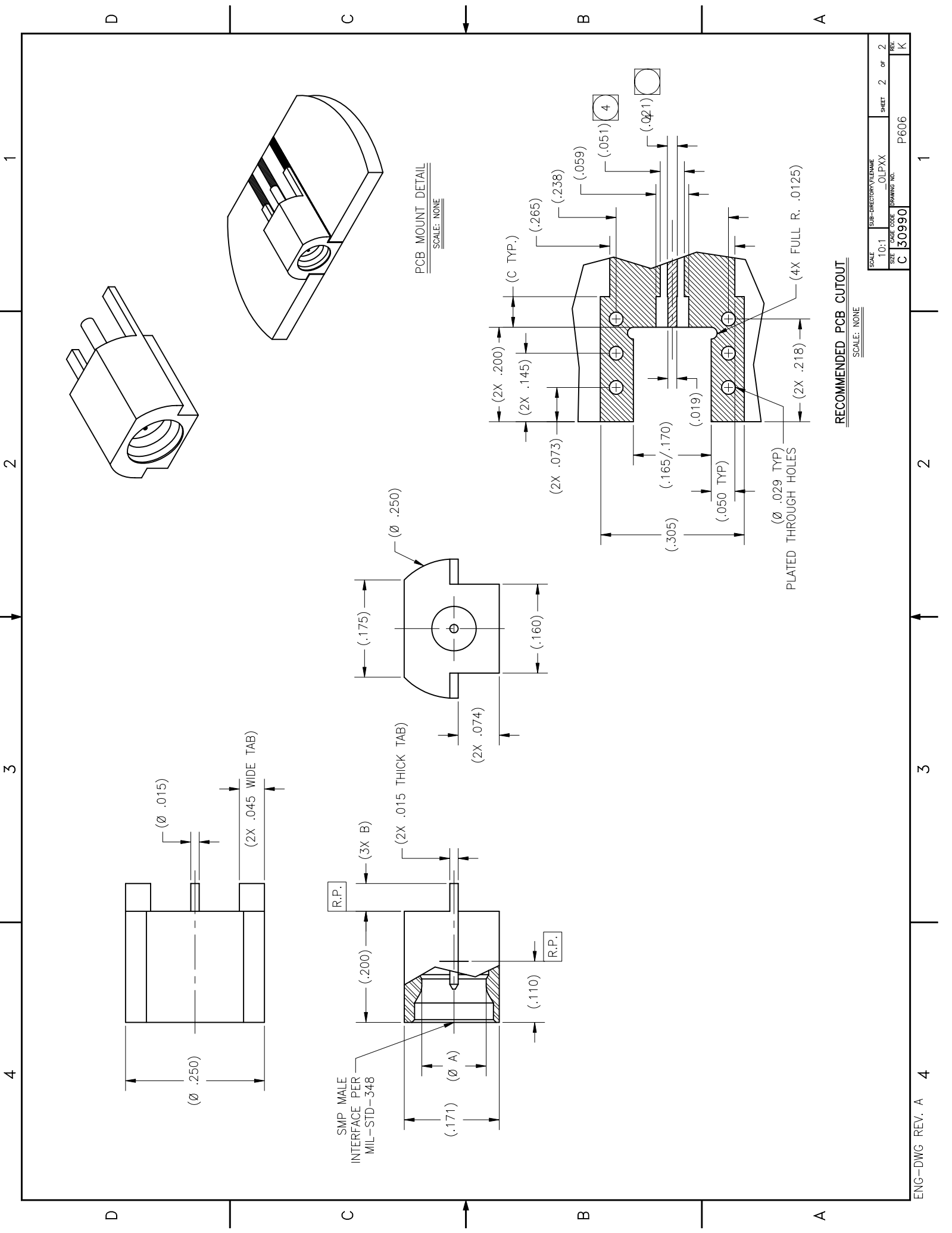
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ENG-DWG REV. A



SCALE	SUB-DIRECTORY/FILENAME	SHEET	2	OF	2
10:1	OLPXX				
SIZE	CASE CODE	DRAWING NO.	P606	REV.	K
C	30990				