

P/N	INTERFACE(S)	Ø A	B	Ø C	D	Ø E	REVISIONS				
							DATE	REV	DESCRIPTION	DATE	BY
-1CC	FULL DETENT	(.116)					-	D	ECO 20137 (-7 thru -9CC & CCSF)	04.13.07	DKN
-1CCSF											
-2CC	LIMITED DETENT	(.120)	.165	.625	.481±.002	.078	-	E	ECO 20184	04.24.07	DKN
-2CCSF											
-3CC	SMOOTH BORE	(.125)					-	F	ECO 21010	02.19.08	DKN
-3CCSF											
-4CC	FULL DETENT	(.116)					-				
-4CCSF											
-5CC	LIMITED DETENT	(.120)	.223	.625	.481±.002	.078	-				
-5CCSF											
-6CC	SMOOTH BORE	(.125)					-				
-6CCSF											
-7CC	FULL DETENT	(.116)					-				
-7CCSF											
-8CC	LIMITED DETENT	(.120)	.223	.485	.350±.002	.102	-				
-8CCSF											
-9CC	SMOOTH BORE	(.125)					-				
-9CCSF											

DATE REC. P836 MK F

MATERIAL:	ELECTRICAL:	MECHANICAL:	ENVIRONMENTAL:
Body: 303 sst per ASTM A-582 Center Conductor: BeCu alloy per ASTM B-196 Insulator: PTFE per ASTM D-171D	Impedance: 50 Ohms Nom. Freq. Range: DC TO 18 GHz VSWR: 1.02 + .012f (GHz) Insertion Loss: .30√f (GHz) Working Voltage: 335 Vrms @ Sea Level Dielectric Withstand Voltage: 500 V rms RF HIPot Voltage: 325 Vrms Min @ 5MHz Corona Level: 125 Vrms @ 70,000 ft Insulation Resistance: 5000 Mohms Contact Resistance: Center Conductor: 2.0 Milliohms RF Leakage: -80 dB to 3GHz min. -65 dB from 3 to 18 GHz min.	Interface Dimensions: MIL-STD-348 Connector Durability: Depend on detent Force to Engage: Full detent: 10 lbs Limit detent: 8 lbs Smooth bore: 1 lb Force to Disengage: Full detent: 5 lbs Limit detent: 2 lbs Smooth bore: .5 lb	Temp. Range: -65°C to +165°C Thermal Shock: MIL-STD-202, Method 107, Test Cond. B 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

FINISH:
Center Conductor: Gold plate per ASTM B-488 over nickel underplate per AMS-QQ-N-290. Body: (for CCSF): Passivated per ASTM A-967 or AMS-QQ-P-35. (for CC): Gold plate per ASTM B-488 over nickel underplate per AMS-QQ-N-290.

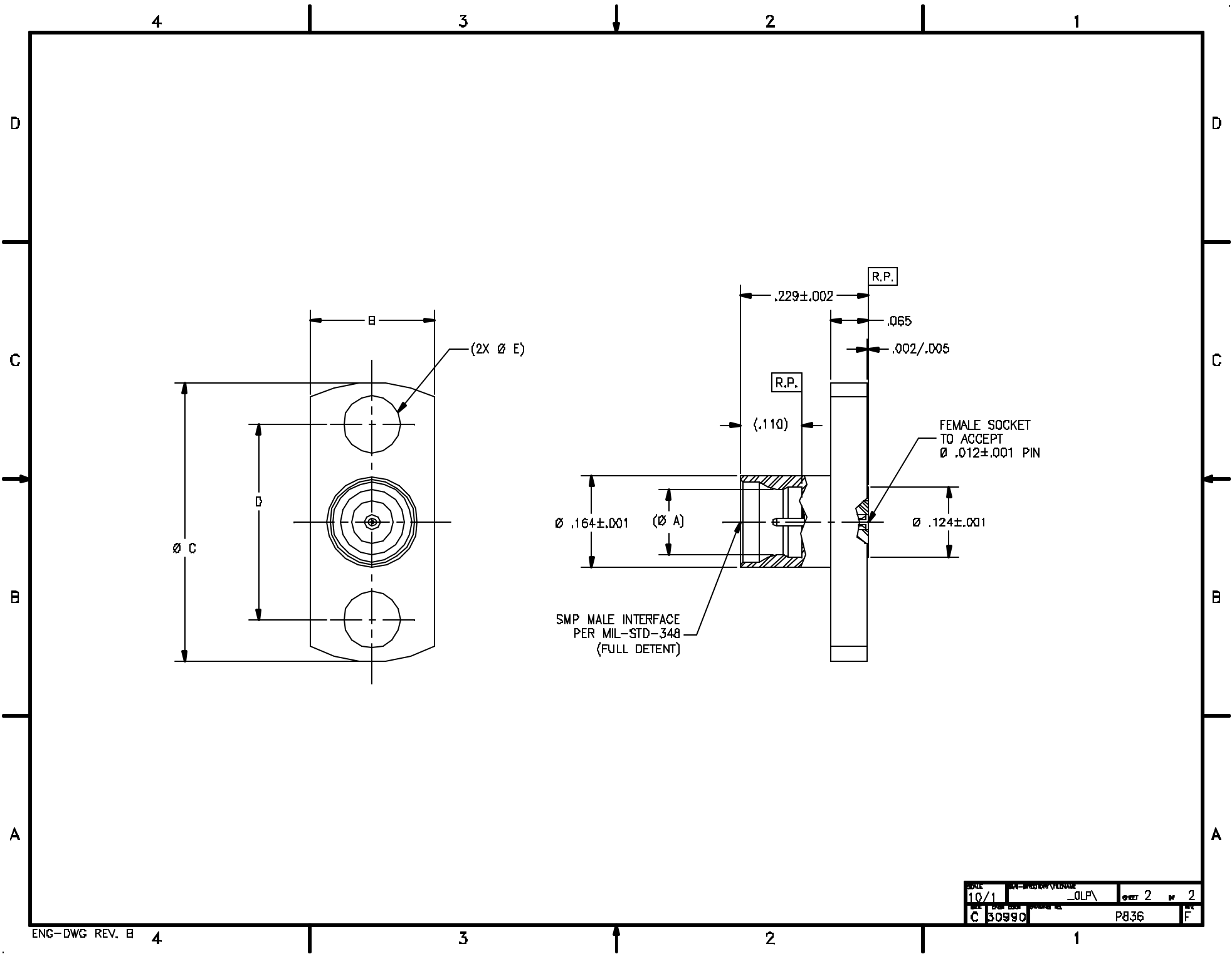
APPLICABLE TENSOLITE DOCUMENTS		
WORK STD	PROD INST	ASSY INST
NA	NA	NA

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TOLERANCES AND NOTES EXCEPT AS NOTED	
1. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	
2. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO PERFORMANCE AND FINISH SPECIFICATIONS FOR THE PART.	
3. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE TO PERFORMANCE AND FINISH SPECIFICATIONS FOR THE PART.	
4. DIMENSIONS TO BE MET BEFORE PLATING.	
5. THREADS PER UN-2B.	
6. BREAKS SHOWN UNLESS OTHERWISE SPECIFIED.	
7. REMOVE ALL BURRS.	

MATERIAL		DATE		DESCRIPTION		PROCESSING	
APPROVA	DATE	03.15.00		HIGH PERFORMANCE CABLES & INTERCONNECT SYSTEMS		Loma Beach, California 90815	
DRAWN BY	DKN	03.15.00		SMP MALE 2 HOLE		FLANGE MOUNT FIELD REPLACEABLE	
CHECKED BY				SCALE 10:1		DUPLEX Q1 P836	
TEST ENG				SHEET 1		OF 2	
QUALITY				C 30990		P836	
DESIGN ENG	DN	02.19.08					
MFG ENG							



ENG-DWG REV. B

SCALE	DATE - PROJECT / VERSION	REV	OF
10/1	_0LP\	2	2
C 50990	PROJECT NO.	P836	REV
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