

ZONE	REV	DESCRIPTION	DATE	BY
-	G	ECO 11850	07/07/00	IMG
-	H	ECO 13867	10.30.01	AGS
-	J	ECO 18940	01.12.06	DKN

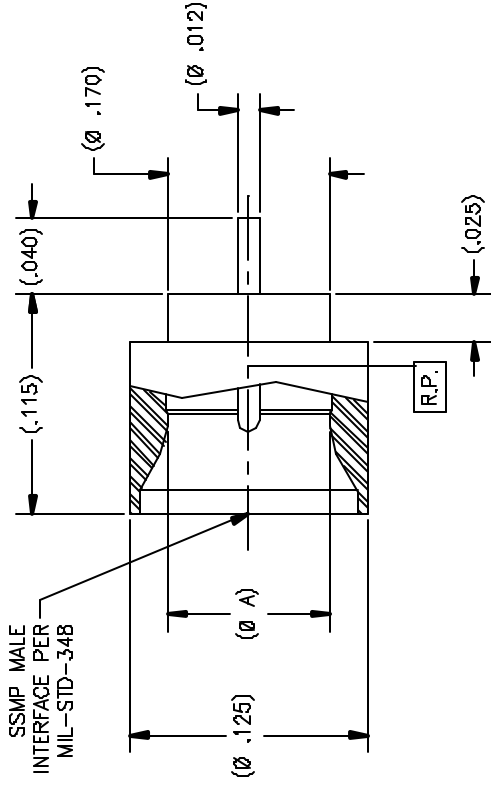


FIGURE 1

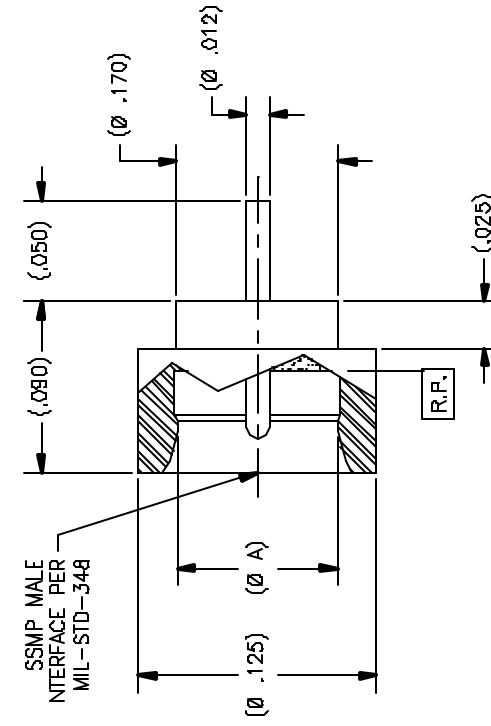


FIGURE 2

P/N	APPLICABLE NOTE(S)	INTERFACE	(Ø A)	FIGURE
-1CC	1,2,3	DETENT	.084	1
-2CC	1,2,3	SMOOTH BORE	.088	1
-3CC	1,2,3	DETENT	.084	2
-4CC	1,2,3	SMOOTH BORE	.088	2

APPLICABLE TENSQITE DOCUMENTS	
WORK STD	FREQ. INST
NA	NA
ASSY. INST	NA

SEE NOTE(S)	SEE NOTE(S)
-	-

TEST PART	TEST PART
GENERAL	GENERAL
SIZE	SIZE
REVISION	REVISION

APPROVAL INITIALS	DATE
DRWN BY	19/21/98
ENGR BY	
CHKD BY	
INSTR BY	
DATE	07/13/98

SIZE	DATE	REV.
20:1	01/13/98	J
C 50990		J

MECHANICAL:	ENVIRONMENTAL:
<p>Interface Dimensions: MIL-STD-348</p> <p>Connector Durability: 500 Cycles</p> <p>Center Contact Retention: 2 lbs Min Axial N/A Radial</p> <p>Force to Engage and Disengage: 3.5 lbs Engage 5.0 lbs Disengage</p>	<p>Temp. Range: -65°C to +165°C</p> <p>Thermal Shock: MIL-STD-202, Method 107, Test Cond. B</p> <p>Moisture Resistance: MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity</p> <p>Corrosion: MIL-STD-202, Method 101, Test Cond. B</p> <p>Vibration: MIL-STD-202, Method 204, Test Cond. D</p> <p>Shock: MIL-STD-202, Method 213, Test Cond. I</p>

APPLICABLE TENSQITE DOCUMENTS	ENVIRONMENTAL:
<p>WORK STD</p>	FREQ. INST
NA	NA
ASSY. INST	NA

MATERIAL:	ELECTRICAL:
<p>Body & Center Conductor: Iron, Nickel-Cobalt sealing alloy per ASTM F-15</p> <p>Glass Seal: Corning 7070, Form optional</p>	<p>Impedance: 50 Ohms Nom.</p> <p>Freq. Range: DC TO 40 GHz</p> <p>VSWR: 1.30 + .005*f (GHz)</p> <p>Insertion Loss: .04 x √f GHz</p> <p>Working Voltage: 325 Vrms @ Sea Level</p> <p>Insulation Resistance: 5000 Mohms</p> <p>Dielectric Withstand Voltage: 500 V rms</p> <p>RF HiPot Voltage: 250 Vrms Min @ 5MHz</p> <p>RF Leakage: -(90 - f GHz) dB</p> <p>Corona Level: 125 Vrms @ 70,000 ft</p> <p>Contact Resistance Center Conductor: 4.0 Milliohms max</p>

FINISH:	ENVIRONMENTAL:
<p>Body & Center Conductor: Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290</p>	<p>Temp. Range: -65°C to +165°C</p> <p>Thermal Shock: MIL-STD-202, Method 107, Test Cond. B</p> <p>Moisture Resistance: MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms within 5 minutes after removal from humidity</p> <p>Corrosion: MIL-STD-202, Method 101, Test Cond. B</p> <p>Vibration: MIL-STD-202, Method 204, Test Cond. D</p> <p>Shock: MIL-STD-202, Method 213, Test Cond. I</p>

NOTICE

THE DRAWING IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF TENSQITE. ANY REVISIONS TO THIS DRAWING WILL BE INDICATED BY A REVISION SYMBOL AND WILL BE AVAILABLE TO ALL APPLICABLE CUSTOMERS. THE DRAWING IS THE PROPERTY OF TENSQITE AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF TENSQITE.

TOLERANCES AND NOTES EXCEPT AS NOTED

DIMENSIONS ARE IN INCHES
UNLESS OTHERWISE SPECIFIED
FRACTIONS ± 1/32
DECIMALS ± 0.005
HOLE DIA. ± 0.005
HOLE DIA. ± 0.005
HOLE DIA. ± 0.005
HOLE DIA. ± 0.005
HOLE DIA. ± 0.005
HOLE DIA. ± 0.005

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ENVIRONMENTAL:

Temp. Range: -65°C to +165°C

Thermal Shock:
MIL-STD-202, Method 107, Test Cond. B

Moisture Resistance:
MIL-STD-202, Method 106, Insulation resistance at least 200 MegaOhms 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:

Body & Center Conductor:
Gold plate per ASTM B-488 over nickel plate per AMS-QQ-N-290