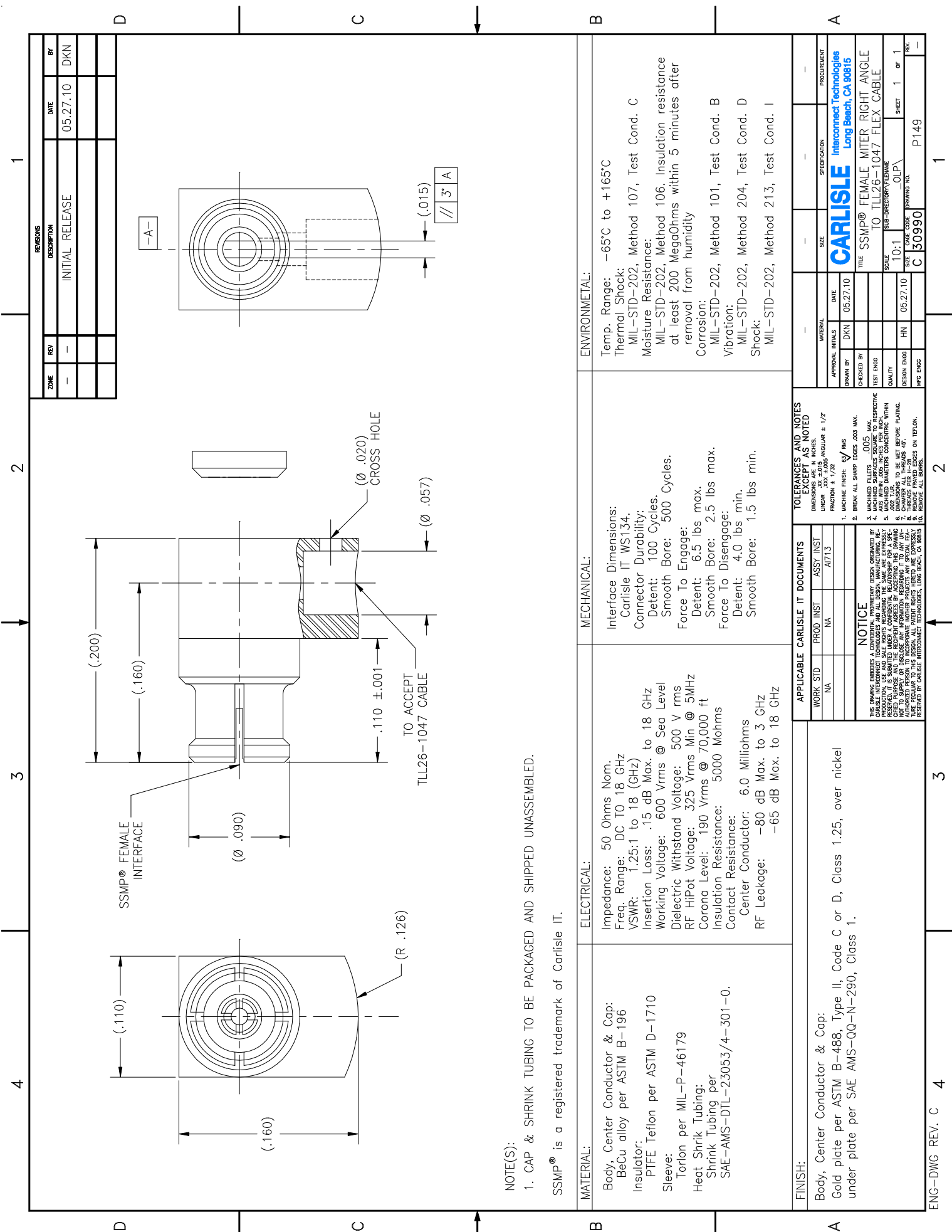




REVISIONS			
ZONE	REV	DESCRIPTION	DATE
-	-	INITIAL RELEASE	05.27.10
-	-		
-	-		
-	-		

ENVIRONMENTAL			
Temp. Range:	-65°C to +165°C		
Thermal Shock:	MIL-STD-202, Method 107, Test Cond. C		
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		

MECHANICAL			
Interface Dimensions:	Carlisle IT WS134.		
Connector Durability:	Detent: 100 Cycles.		
Smooth Bore:	500 Cycles.		
Force To Engage:	Detent: 6.5 lbs max.		
Smooth Bore:	2.5 lbs max.		
Force To Disengage:	Detent: 4.0 lbs min.		
Smooth Bore:	1.5 lbs min.		

ELECTRICAL			
Impedance:	50 Ohms Nom.		
Freq. Range:	DC TO 18 GHz		
VSWR:	1.25:1 to 18 (GHz)		
Insertion Loss:	.15 dB Max. to 18 GHz		
Working Voltage:	600 Vrms @ Sea Level		
Dielectric Withstand Voltage:	500 V rms		
RF HiPot Voltage:	325 Vrms Min @ 5MHz		
Corona Level:	190 Vrms @ 70,000 ft		
Insulation Resistance:	5000 Mohms		
Contact Resistance:	Center Conductor: 6.0 Milliohms		
RF Leakage:	-80 dB Max. to 3 GHz		
	-65 dB Max. to 18 GHz		

FINISH:			
Body, Center Conductor & Cap:	BeCu alloy per ASTM B-196		
Insulator:	PTFE Teflon per ASTM D-1710		
Sleeve:	Torlon per MIL-P-46179		
Heat Shrink Tubing:	SAE-AWS-DTL-23053/4-301-0.		

APPLICABLE CARLISLE IT DOCUMENTS			
WORK STD	PROD INST	ASSY INST	
NA	NA	A1713	

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UNLESS OTHERWISE SPECIFIED:			
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Shock:	MIL-STD-202, Method 213, Test Cond. I		

FINISH:			
Body, Center Conductor & Cap:	Gold plate per ASTM B-488, Type II, Code C or D, Class 1.25, over nickel		
under plate per SAE AMS-QQ-N-290, Class 1.			

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