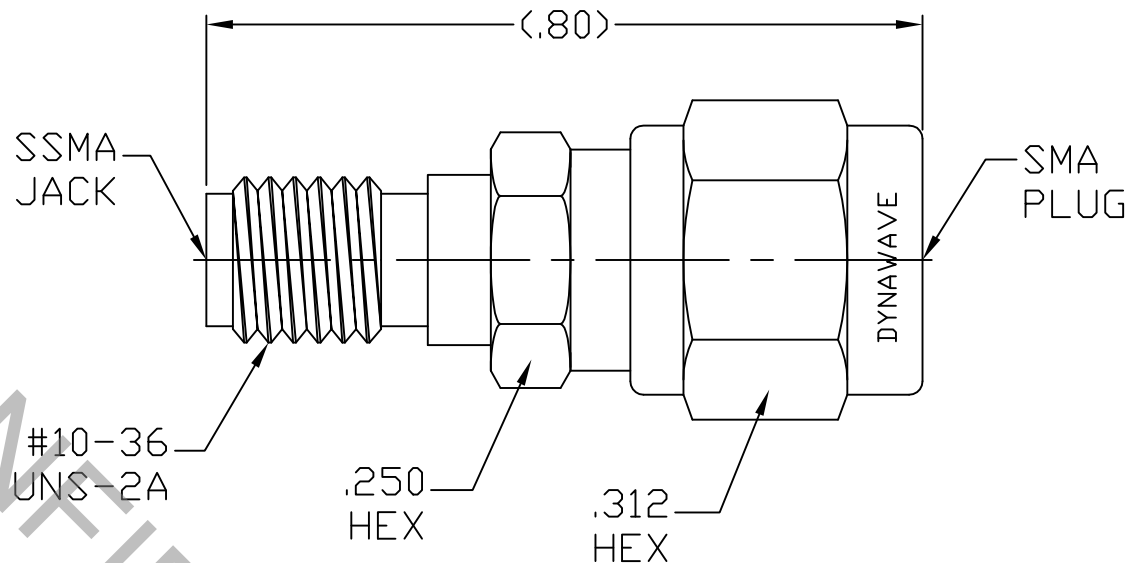


ADAPTER SERIES: : SSMA / SMA  
 CENTER CONDUCTOR END 1: : FEMALE SOCKET  
 CENTER CONDUCTOR END 2: : MALE PIN  
 NOMINAL IMPEDANCE: (OHMS) : 50  
 CONTACT CAPTIVATION: : 6.0 LBS.  
 FREQUENCY RANGE: : DC TO 26.5 GHz.  
 QPL SPECIFICATION: : N/A  
 QPL EQUIVALENT: : N/A

MATING CHARACTERISTICS : MIL-STD-348-319.2  
 : MIL-STD-348-310.1  
 MATING TORQUE : 5 TO 8 POUND INCHES  
 : 7 TO 10 POUND INCHES  
 MOUNTING TORQUE : N/A  
 TEMPERATURE RANGE : -55 / +125 DEGREES C.

ELECTRICAL:  
 VSWR MAXIMUM : 1.06 x F<sup>.05</sup> (F IN GHz.)  
 INSERTION LOSS MAXIMUM : .05 x F<sup>.5</sup> (F IN GHz.)  
 R.F. LEAKAGE MINIMUM : -100 dB  
 D.C. RESISTANCE : 5,000 MEGOHMS MIN.



ITEM	MATERIALS	FINISHES
BODY	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
NUT	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
NUT RING	: COPPER, BERYLLIUM PER ASTM-B194	: N/A
GASKET	: RUBBER, SILICONE PER ZZ-R-765	: N/A
INSULATOR	: PTFE PER ASTM-D-1710	: N/A
CONTACT	: COPPER, BERYLLIUM PER ASTM-B196	: GOLD PER ASTM-B-488

REV.	DCN NUMBER	DATE	APP.
AA	05-1741	7/21/05	DC

## SPECIFICATION CONTROL DRAWING

TOLERANCES		
DECIMALS	FRACTIONAL	DEGREES
.X ±.030		X° ±1'0"
.XX ±.010	± 1/16"	X°X' ±15"
.XXX ±.005		

DRAWN: DC		DATE: 7/21/05	
APPROVED: DC		DATE: 7/21/05	
SCALE	CODE IDENT	SHEET	
N/A	2J899	1 of 1	



TITLE  
**SSMA FEMALE  
 TO SMA MALE  
 ADAPTER**

DRAWING  
 NO. **1100-9398-6250**