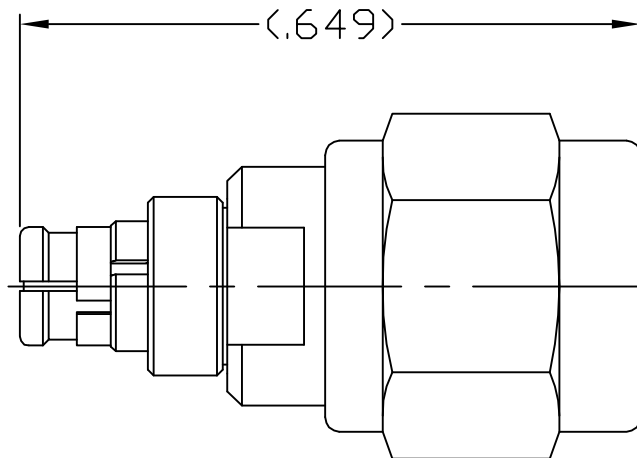


ADAPTER SERIES: : SMP / 2.92mm  
 CENTER CONDUCTOR END 1: : FEMALE SOCKET  
 CENTER CONDUCTOR END 2: : MALE PIN  
 NOMINAL IMPEDANCE: (OHMS) : 50  
 CONTACT CAPTIVATION: : 6.0 LBS.  
 FREQUENCY RANGE: : DC TO 40 GHz.  
 QPL SPECIFICATION: : N/A  
 QPL EQUIVALENT: : N/A

MATING CHARACTERISTICS : MIL-STD-348-326.1  
 : IEEE 287  
 INSERTION FORCE (F.D.) : 15.0 LBS. MAX SMP  
 WITHDRAWAL FORCE (F.D.) : 5.0 LBS. MIN SMP  
 MATING TORQUE 2.92mm : 7 TO 10 POUND INCHES  
 MOUNTING TORQUE : N/A  
 TEMPERATURE RANGE : -25 / +100 DEGREES C.

ELECTRICAL:  
 MAX. VSWR 1.0 TO 26.5 GHz. : 1.05 + .005 x FGHz  
 MAX. VSWR 26.6 TO 40.0 GHz. : 1.05 + .010 x FGHz.  
 INSERTION LOSS MAXIMUM : .045 x  $\sqrt{\text{FGHz}}$   
 R.F. LEAKAGE MINIMUM : -100 dB - F (F IN GHz.)  
 D.C. RESISTANCE : 5,000 MOHMS MINIMUM



ITEM	MATERIALS	FINISHES
2.92 BODY	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
SMP BODY	: COPPER, BERYLLIUM PER ASTM-B194	: GOLD PER ASTM-B-488
COUPLING NUT	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
RETAINING RING	: COPPER, BERYLLIUM PER ASTM-B194	: N/A
BEAD	: PLASIC COMPOSIT	: 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	04-1439	4/6/04	DC

## SPECIFICATION CONTROL DRAWING

**dynawave**  
INCORPORATED  
 Haverhill, MA. 01835

TITLE  
**SMP FEMALE TO 2.92  
 mm MALE, ADAPTER**

TOLERANCES			DRAWN: DC      DATE: 4/6/04		
DECIMALS	FRACTIONAL	DEGREES	APPROVED: DC      DATE: 4/6/04		
.X ±.030 .XX ±.010 .XXX ±.005	± 1/16"	X° 1' 0" X° X' ±15'	SCALE	CODE IDENT	SHEET
			N/A	2J899	1 of 1

DRAWING  
 NO. **1100-2094-5450**