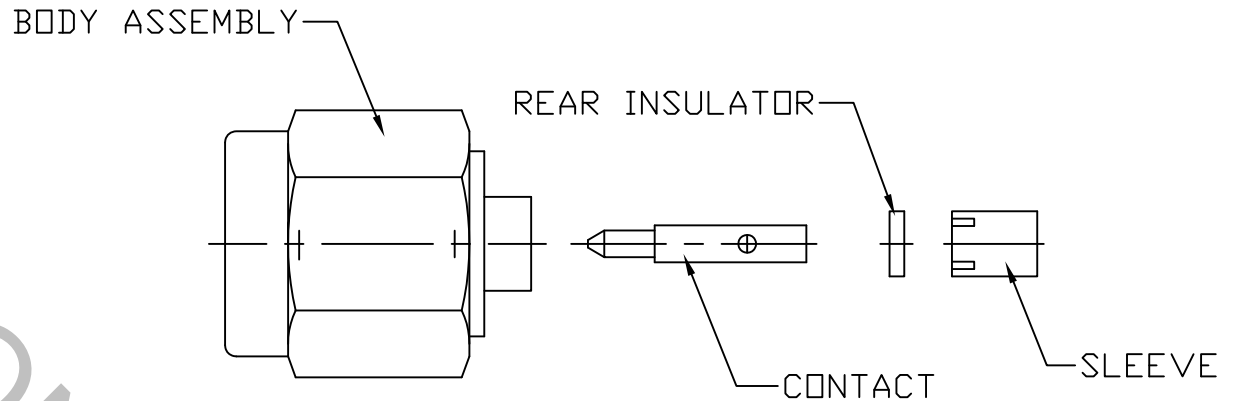


CONNECTOR SERIES: : SMA
 CENTER CONTACT: : MALE PIN
 NOMINAL IMPEDANCE: (OHMS) : 50
 CABLE ACCOMMODATION: : M17/151-0001
 : Ø.047 S/R

CONTACT CAPTIVATION: : 4.0 LBs.
 CABLE ATTACHMENT: : SOLDER
 CONTACT ATTACHMENT: : SOLDER
 FREQUENCY RANGE: : DC TO 26.5 GHz.
 QPL SPECIFICATION: : N/A
 QPL EQUIVALENT: : N/A

MATING CHARACTERISTICS : MIL-STD-348-310.1
 MATING TORQUE : 7 TO 10 POUND INCHES
 MOUNTING TORQUE : N/A
 TEMPERATURE RANGE : -65 / +165 DEGREES C.

ELECTRICAL:
 VSWR MAXIMUM : 1.05 + .005 x FGHz.
 INSERTION LOSS MAXIMUM : .030 x $\sqrt{\text{FGHz}}$.
 R.F. LEAKAGE MINIMUM : -100 dB
 INSULATION RESISTANCE : 5,000 MEOHMS MIN.
 D.W.V. : 325 VRMS MAX.



ITEM	MATERIALS	FINISHES
BODY	: BRASS PER ASTM-B-16	: GOLD PER ASTM-B-488
NUT	: BRASS PER ASTM-B-16	: GOLD PER ASTM-B-488
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	: BRASS PER ASTM-B-16	: GOLD PER ASTM-B-488

REV.	DCN NUMBER	DATE	APP.
AA	04-2101	9/21/04	DC
AB	18-1604	5/31/18	TS

SPECIFICATION CONTROL DRAWING

dynawave
INCORPORATED
 Haverhill, MA. 01835

TITLE
**SMA PLUG,
 DIRECT SOLDER,
 Ø.047 SEMI-RIGID**

TOLERANCES			DRAWN: DC		DATE: 9/21/04	
DEGREES			APPROVED: DC		DATE: 9/21/04	
DECIMALS	FRACTIONAL	DEGREES	SCALE	CODE IDENT	SHEET	DRAWING NO. 9800-4720-2400
.X ±.030 .XX ±.010 .XXX ±.005	± 1/16"	X° ± 1' 0" X° X' ± 15'	N/A	2J899	1 of 1	