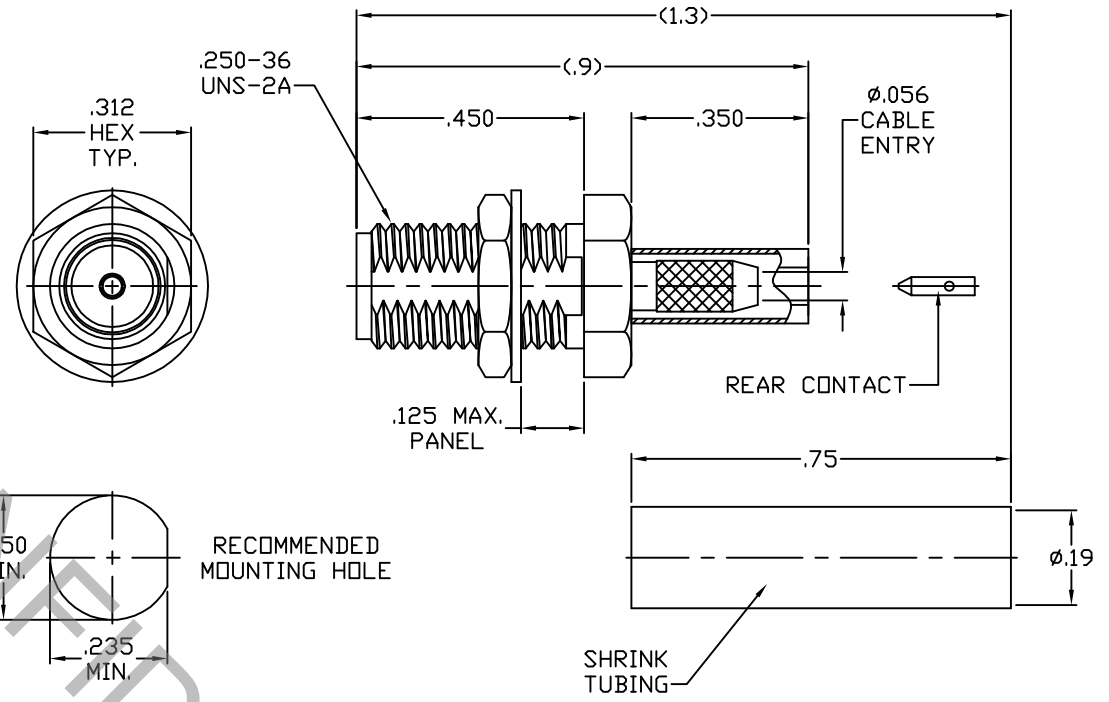


CONNECTOR SERIES: : SMA  
 CENTER CONTACT: : FEMALE SOCKET  
 NOMINAL IMPEDANCE: (OHMS) : 50  
 CABLE ACCOMMODATION: : 57 OHM  
 : BLUE JACKET  
 : SPECIAL  
 CONTACT CAPTIVATION: : 4.5 LBs.  
 CABLE ATTACHMENT: : CRIMP  
 CONTACT ATTACHMENT: : SOLDER  
 FREQUENCY RANGE: : DC TO 1.0 GHz.  
 QPL SPECIFICATION: : N/A  
 QPL EQUIVALENT: : N/A

MATING CHARACTERISTICS : MIL-STD-348-310.2  
 MATING TORQUE : 7 TO 10 POUND INCHES  
 MOUNTING TORQUE : 18 TO 22 POUND INCHES  
 TEMPERATURE RANGE : -55 / +125 DEGREES C.

ELECTRICAL:  
 VSWR MAXIMUM : N/A  
 INSERTION LOSS MAXIMUM : .050 dB @ 1 GHz.  
 R.F. LEAKAGE MINIMUM : -60 dB  
 INSULATION RESISTANCE : 5,000 MOHMS MINIMUM  
 D.W.V. : 1000 VRMS MAX.



NOTE: CRIMP WITH .128 HEX DIE

ITEM	MATERIALS	FINISHES
TUBING	: MIL-DTL-23053/5 CLASS 1	: BLACK
BODY	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
HEX NUT	: 303 STAINLESS PER ASTM-A-582	: PASSIVATE PER QQ-P-35
LOCKWASHER	: 410 STAINLESS PER ASTM-A-580	: PASSIVATE PER QQ-P-35
CRIMP SLEEVE	: BRASS PER ASTM-B-16	: NICKEL PER QQ-N-290
INSULATOR	: PTFE PER ASTM-D-1710	: N/A
CONTACTS	: COPPER, BERYLLIUM PER ASTM-B196	: GOLD PER ASTM-B-488

REV.	DCN NUMBER	DATE	APP.
AA	05-1748	7/25/05	DC

## SPECIFICATION CONTROL DRAWING



TITLE  
**SMA JACK, BLK'D,  
 CRIMP, 57 OHM  
 FLEXIBLE CABLE**

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

DRAWN: DC      DATE: 7/25/05  
 APPROVED: DC      DATE: 7/25/05

SCALE	CODE IDENT	SHEET
N/A	2J899	1 of 1

DRAWING NO. **9910-1430-6202**