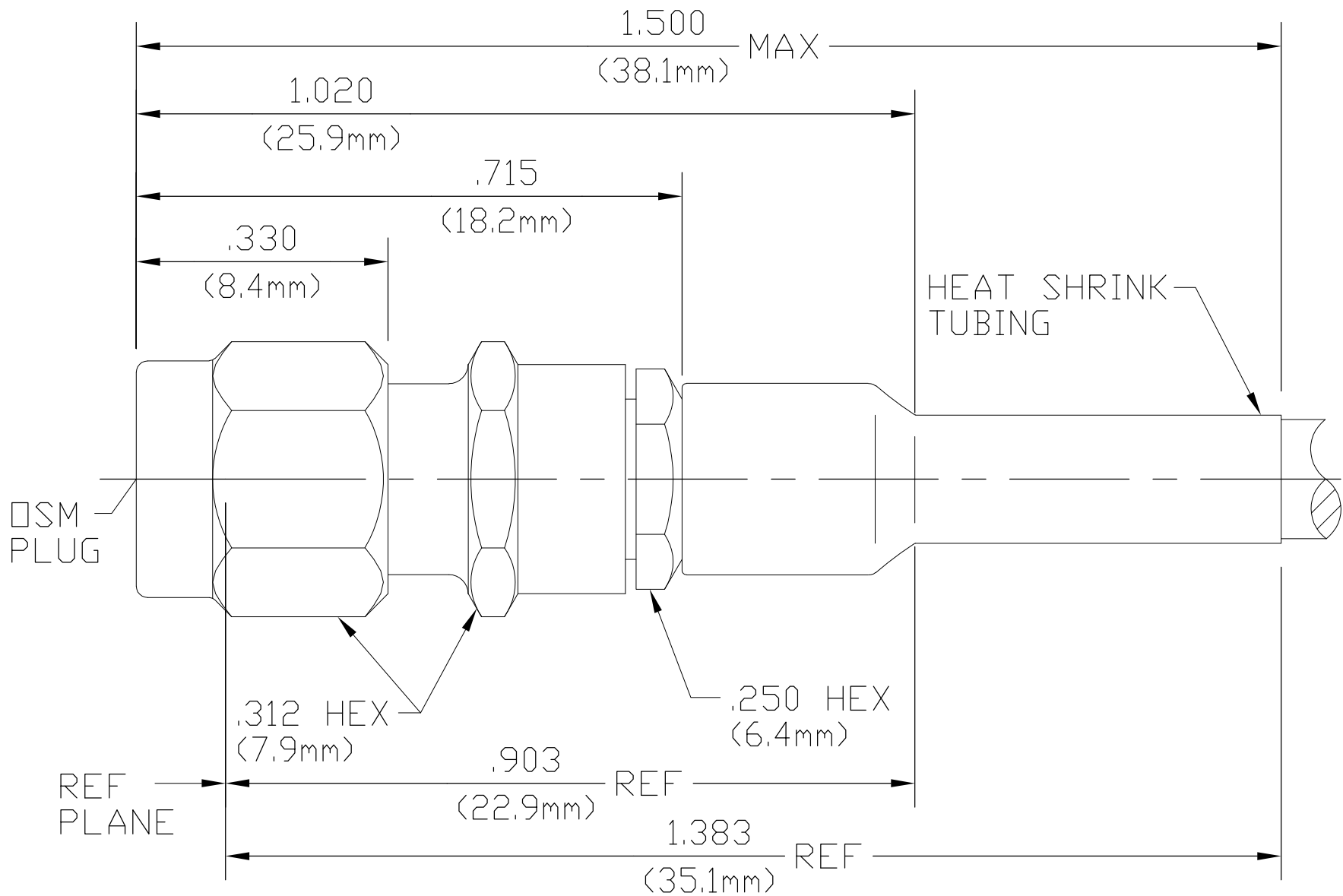


CABLE ENTRY DIAMETER MINIMUM	
CONTACT	.040
SLEEVE	.119

LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION		DATE	DWN	APVD
		B	REV PER ECO 07-004710	3/12/90	DW	KW



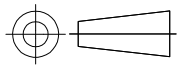
1051690-1

PART NUMBER

- NOTES:
- DESIGNED FOR USE WITH SF-142B CABLE
 - CAPTURED CENTER CONTACT

ELECTRICAL	MECHANICAL	ENVIRONMENTAL
Nominal Impedance (Ohms) <u>50</u>	Interface Dimensions <u>MIL-STD-348</u>	TEMPERATURE RATING <u>-65°C - +165°C</u>
Frequency Range (GHz) <u>DC-12.4</u>	Recommended Mating	Vibration - MIL-STD-202, Method
Volt Rating (VRMS MAX) <u>335</u>	Torque <u>7-10 IN/Lbs</u>	204, Condition D, 20 Gs
VSWR <u>1.1 +.01(f)</u>	Mating Characteristics:	Shock - MIL-STD-202, Method 213,
Insertion Loss (dB MAX) <u>.06 (f)</u>	Insertion (MAX Lbs) <u>3.0</u>	Condition I, 100 Gs
RF Leakage (dB) <u>60-(f)</u>	Withdrawal (MIN Oz) <u>1.0</u>	Temp. Cycling - MIL-STD-202,
Corona, 70 Ft (VRMS MIN) <u>250</u>	Connector Engagement and	Method 107, Condition B
Dielectric Withstanding Voltage	Disengagement (In/Lbs MAX) <u>2.0</u>	EXCEPT HIGH TEMP <u>200°C</u>
(VRMS MIN) <u>1500</u>	Center Contact Captivation:	Moisture Resistance - MIL-STD-202,
Contact Resistance (Milliohms MAX)	Axial <u>6 Lbs</u>	Method 106
Center Contact <u>3.0</u>	Radial <u>N/A</u>	Corrosion - MIL-STD-202, Method
Outer Contact <u>2.0</u>	Cable Retention <u>45 Lbs</u>	101, Condition B, 5% salt spray
RF High Potential	Weight (Grams) <u>TBS</u>	
(VRMS MIN @ 5 MHz) <u>650</u>		
I.R. (Megohms) <u>10,000</u>		

HOUSING COUPLING NUT CLAMP NUT SLEEVE	STAINLESS STEEL PER ASTM-A484 AND ASTM- A582, TYPE 303	PASSIVATE PER ASTM-A380
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457, MIL-P-19468, AND FED. SPEC L-P-403	N/A
CENTER CONTACT	BERYLLIUM COPPER PER QQ-C-530,ALLOY 173 OR BRASS PER ASTM-B-16	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
RETAINING RING	BERYLLIUM COPPER PER QQ-C-533 CLASS 1 (KOVAR)	N/A
GASKET	SILICONE RUBBER PER ZZ-R-765	N/A
SHRINK TUBING	HEAT SHRINKABLE POLYOLEFIN COMPOUND MIL-I-23053-11	N/A
FERRULE	SOFT COPPER ALLOY	GOLD PLATE PER MIL-G-45204 OVER COPPER PLATE PER MIL-C-14550
COMPONENT	MATERIAL	FINISH

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN E.F.HOYLE		1/15/90		tyco <i>Electronics</i>		Tyco Electronics Corporation							
		CHK BB		1-31-90				Harrisburg, PA 17105-3608							
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD NGB		1-31-90		NAME							
		PRODUCT SPEC		—		STRAIGHT CABLE PLUG CRIMP ATTACHMENT —									
		APPLICATION SPEC		—											
		—		—											
		—		—											
MATERIAL		FINISH		WEIGHT		—		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
—		—		—		A2		00779	C=1051690		—				
CUSTOMER DRAWING										SCALE	5:1	SHEET	1 of 1	REV	B