

NOTES :

1. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
2. ROHS: COMPLIANT

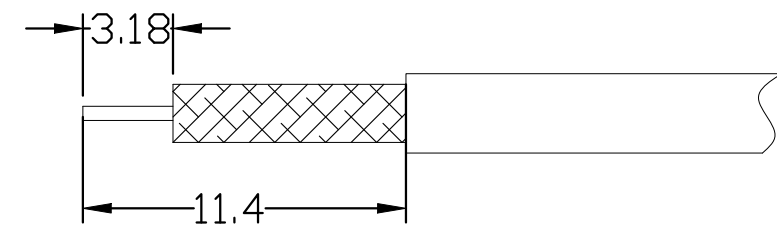
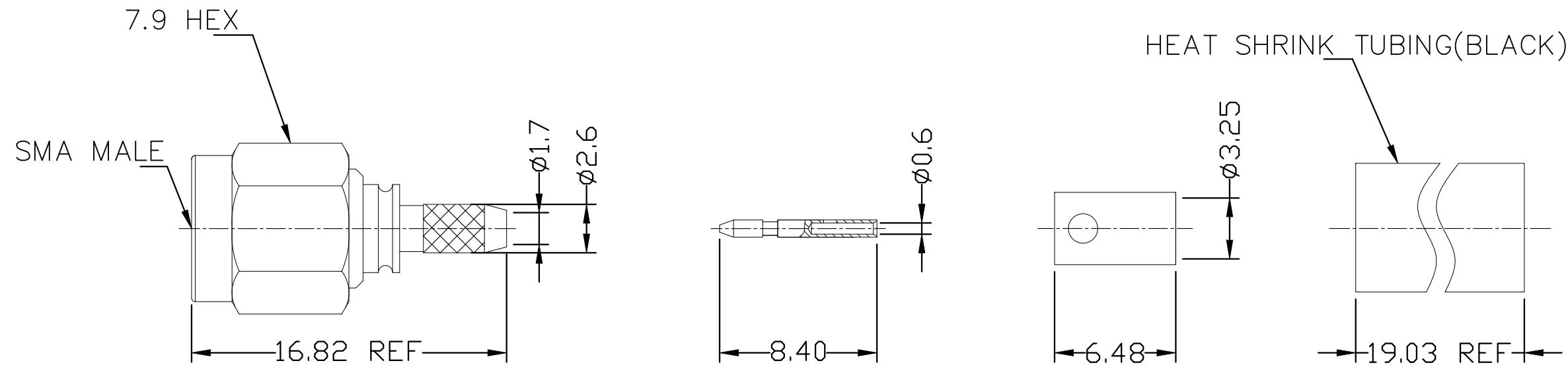
REMARK:
1.CRIMPED FERRULE HEX.CRIMP SIZE .132”
2. CONTACT PIN TO SOLDER

MATERIALS AND PLATING		UNIT: MICRO-INCHES
PART NAME	MATERIALS	PLATING
BODY	STAINLESS STEEL	GOLD 35u”/NICKEL 145u”
INSULATOR	PTFE MIL-P-19468	N/A
CONTACT PIN	BRASS	GOLD 50u”/NICKEL 50u”/COPPER 10u”
FERRULE	BRASS	GOLD 8u”/NICKEL 100u”/COPPER 10u”
SHELL	STAINLESS STEEL	GOLD 10u”/NICKEL 145u”

MECHANICAL CHARACTERISTICS	
FORCE TO ENGAGE AND DISENGAGE	> 60 lbs
CENTER CONTACT RETENTION FORCE	N/A
RECOMMENDED COUPLING TORQUE	7-10 in-lbs
COUPLING NUT RETENTION FORCE	N/A
DURABILITY	≥500cycles

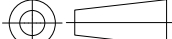
ELECTRICAL CHARACTERISTICS		
IMPEDANCE		50 Ω
VOLTAGE RATING		250 V(rms)
FREQUENCY RANGE		DC~6 GHz
DIELECTRIC WITHSTANDING VOLTAGE		>750 V
CONTACT RESISTANCE	CENTER CONTACT	<5.0 m Ω
	OUTER CONTACT	<3.0 m Ω
INSULATION RESISTANCE		>5000 M Ω
INSERTION LOSS		N/A
VSWR		< 1.27 @DC–6GHz

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-65 °C~+165 °C
CORROSION	MIL- STD 202, Meth. 101,Cond. B
THERMAL SHOCK	MIL- STD 202, Meth. 107,Cond. B
VIBRATION	MIL- STD 202, Meth. 204,Cond. D
SHOCK	MIL- STD 202, Meth. 213,Cond.I



RECOMMENDED CABLE STRIPPING DIM'S

1051643-1	PART NUMBER
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THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ANSON MA 27JAN2010	TE Connectivity					
DIMENSIONS: mm		CHK RITA ZUO 27JAN2010						
	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± 0.3 2 PLC ± 0.2 3 PLC ± 0.1 4 PLC ± - ANGLES ± -	APVD BOB ZHAO 27JAN2010	NAME SMA MALE S/T FOR RG174/G, 179,187,188,316,RD316/U -					
		PRODUCT SPEC -						
		APPLICATION SPEC -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO -		
		MATERIAL -	FINISH -	WEIGHT 0	A2			00779
CUSTOMER DRAWING			SCALE	1:1	SHEET	1 of 1	REV	C4