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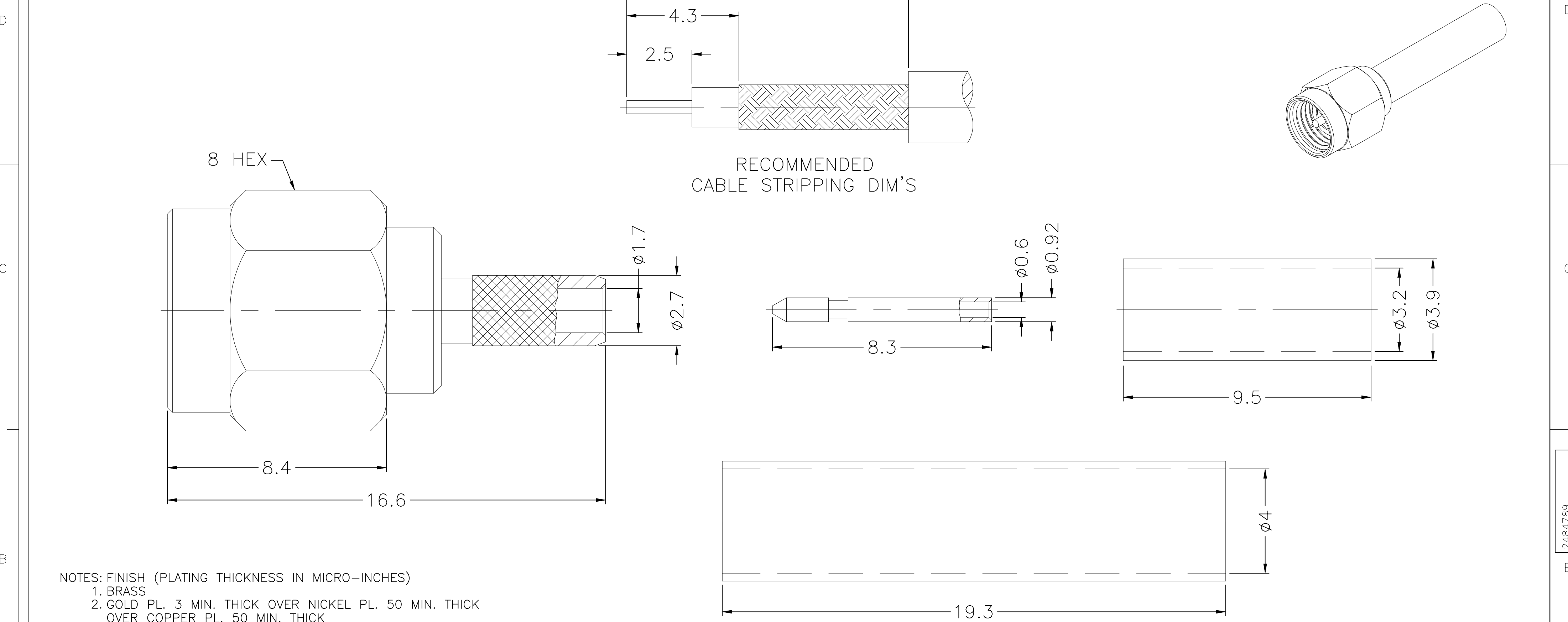
C

B

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A

A



NOTES: FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. BRASS
2. GOLD PL. 3 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK
3. GOLD PL. 30 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK
4. PTFE
5. PASSIVATED

SPECIFICATIONS:

1. IMPEDANCE: 50Ω
2. FREQUENCY: DC to 6GHz
3. VSWR/RL: 1.3 max./ 17.7dB min.
4. CONTACT RESISTANCE:
CENTER: 3 milliohms max.
OUTER: 2 milliohms max.
5. TEMPERATURE RANGE: -65°C TO +165°C
6. DURABILITY: 500 cycles min.
7. ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 2 in-lbs max.
DISENGAGEMENT: 2 in-lbs max.
8. CABLE RETENTION FORCE (Cable assembly): 10 lbs min. or break
9. ROHS & REACH COMPLIANT

UNLESS OTHERWISE SPECIFIED
TOLERANCES

0.5-6	=	±0.2
6-30	=	±0.4
30-120	=	±0.6
120-315	=	±1
315-1000	=	±1.6
1000-2000	=	±2.4

1. CRIMPED FERRULE
HEX CRIMP SIZE .128"

1	BLACK	-	HEAT SHRINK TUBE	8
1	NOTE 2	NOTE 1	FERRULE	7
1	NOTE 3	NOTE 1	CONTACT PIN	6
1	RED	SILICONE	GASKET	5
1	NOTE 5	SUS 304	RETAINER RING	4
1	NATURAL	NOTE 4	INSULATOR	3
1	NOTE 2	NOTE 1	BODY	2
1	NOTE 2	NOTE 1	SHELL	1
2484789-1	FINSIH	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SIDDHARTH SINGH 29MAR2024	TE Connectivity	
DIMENSIONS: mm		CHK ERIC DAI 29MAR2024	NAME SMA PLUG STR CRIMP RG174 188A 316 6 GHz	
TOLERANCES, UNLESS OTHERWISE SPECIFIED: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± - FINISH		APVD WENKE HE 29MAR2024	SIZE A2	
MATERIAL -		PRODUCT SPEC 108-161323	CAGE CODE 00779	
		APPLICATION SPEC -	DRAWING NO C-2484789	
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE 1:1	
			SHEET 1 OF 1	
			REV A	

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