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NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

RoHS: COMPLIANT.

SPECIFICATIONS:

IMPEDANCE: 50Ω

FREQUENCY: DC to 18GHz

VSWR/RL: 1.2 max./ 20.83dB min.@DC~6GHz.
1.3 max./ 17.69dB min.@6~12.4GHz.
1.42 max./ 15.21dB min.12.4~18GHz

INSERTION LOSS: 0.35 dB max.

CONTACT RESISTANCE:
CENTER: 3 milliohms max.
OUTER: 2 milliohms max.

TEMPERATURE RANGE: -65°C TO +165°C

DURABILITY: 500 cycles min.

ENGAGEMENT AND DISENGAGEMENT FORCE:
ENGAGEMENT: 2 in-lbs max.
DISENGAGEMENT: 2 in-lbs max.

1/4-36UNS-2B

8 HEX

1/4-36UNS-2A

15.9 REF.

9.7 ±0.12

9.7 ±0.12

11.63 ±0.12

15.13 ±0.12

NOTES:

FINISH (PLATING THICKNESS IN MICRO-INCHES)

1. GOLD PL. 10 MIN. THICK OVER ELECTROLESS NICKEL PL. 150 MIN. THICK

2. GOLD PL. 35 MIN. THICK OVER ELECTROLESS NICKEL PL. 150 MIN. THICK

3. GOLD PL. 50 MIN. THICK OVER NICKEL PL. 50 MIN. THICK OVER COPPER PL. 50 MIN. THICK

4. NICKEL PL. 100 MIN. THICK OVER COPPER PL. 50 MIN. THICK

	1	NOTE 2	STAINLESS STEEL	COVER	9
	1	NOTE 1	STAINLESS STEEL	SHELL	8
	1	NOTE 4	BERYLLIUM-COP	RETAINER RING	7
	1	RED	SILICONE	GASKET	6
	1	NOTE 3	BERYLLIUM-COP	CONTACT PIN	5
	1	NOTE 2	STAINLESS STEEL	BODY	4
	1	NOTE 3	BERYLLIUM-COP	CONTACT PIN	3
	1	NATURAL	PTFE	INSULATOR	2
	1	NOTE 2	STAINLESS STEEL	HOUSING	1
	2485920-1	FINISH/PLATING	MATERIAL	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 0.3
1 PLC ± 0.2
2 PLC ± 0.1
3 PLC ± 0.05
4 PLC ± -
ANGLES ± 5

MATERIAL
SEE TABLE

FINISH
SEE TABLE

DWN TP 27JUN2024

CHK TP 27JUN2024

APVD WH 27JUN2024

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 5.5g

CUSTOMER DRAWING

TE

TE Connectivity

NAME
SMA Plug to SMA Jack RA 15.9mm 18 G SUS

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2485920

RESTRICTED TO
-

SCALE 1:1

SHEET 1 OF 1

REV A