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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	RELEASED PER ECO 15-016912	12-14-15	CT	BM

ELECTRICAL

MECHANICAL

ENVIRONMENTAL

IMPEDANCE (Ohms): 50 NOMINAL

FORCE TO ENGAGE  
(LBS): 3.0 MAXTEMPERATURE RATING  
(°C): -65 TO +85FREQUENCY RANGE (GHz):  
DC TO 6FORCE TO DISENGAGE  
(OZS): 5.0 MINVIBRATION: MIL-STD-202,  
METHOD 204, CONDITION DVOLTAGE RATING (VRMS):  
325 MINDURABILITY (CYCLES):  
500 MINSHOCK: MIL-STD-202,  
METHOD 213, CONDITION A

VSWR: 1.5:1 MAX @ 6 GHz

CABLE RETENTION  
(LBS): 10 MINTHERMAL SHOCK: MIL-STD-202,  
METHOD 107, CONDITION A,  
EXCEPT LOW TEMP -65

I.R. (MEGOHMS): 5000 MIN

D.W.V. (VRMS @  
SEA LEVEL): 325 MINMOISTURE RESISTANCE:  
MIL-STD-202, METHOD 106CONTACT RESISTANCE  
(MILLIOHMS):  
CENTER: 10  
OUTER: 1.5CORROSION: MIL-STD-202,  
METHOD 101, CONDITION B

1 MATERIALS:  
SHELL AND CONTACT: LEADED NICKEL COPPER ALLOY  
INNER FERRULE: BRASS PER ASTM B 16  
DIELECTRIC: PTFE PER ASTM D 1710  
FERRULE: COPPER PER ASTM B 187

2 FINISHES:  
SHELL, CONTACT AND INNER FERRULE: .000050 [1.27 μm]  
MIN THICK GOLD PLATE ON MATING SURFACES PER  
ASTM B 488 OVER NICKEL PLATE PER QQ-N-290  
FERRULE: .000030 [0.76 μm] MIN THICK GOLD PLATE  
PER ASTM B 488

3 PARTS COME PACKAGED UNASSEMBLED

4. FOR USE WITH DOUBLE SHIELED RG-316/U CABLE (RD-316)

5. MATING PART NUMBER IS 2286270-1, DOES NO MATE WITH  
OTHER INDUSTRY STANDARD SIZE 12 PARTS.

Dimensions:  
 Total length: .87 [22] BEFORE CRIMPING  
 Length to ferrule: .612 [15.54]  
 Shell diameter:  $\phi .188 \pm .001$  [4.78 ± 0.02]  
 Contact diameter:  $\phi .094 \pm .001$  [2.39 ± 0.02]  
 Ferrule diameter:  $\phi .064 \pm .002$  [1.63 ± 0.05]  
 Inner ferrule diameter:  $\phi .102 \pm .002$  [2.59 ± 0.05]

Labels: SHELL, CONTACT, DIELECTRIC, INNER FERRULE, FERRULE

Dimensions:  
 Length: .170 [4.32]  
 Width: .050 [1.27]  
 Thickness: .130 [3.3]

RECOMMENDED STRIP LENGTHS

2286271-1

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN B. MOYER 08MAY2014

CHK C.C. THOMAS 12-14-15

APVD B. MOYER 12-14-15

PRODUCT SPEC TBD

APPLICATION SPEC TBD

WEIGHT 1.4 g

CUSTOMER DRAWING

DIMENSIONS:  
INCHES [mm]TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC	±-
1 PLC	±-
2 PLC	±.01 [0.3]
3 PLC	±.005 [0.13]
4 PLC	±-
ANGLES	±-

MATERIAL 1

FINISH 2

TE Connectivity

NAME  
ARINC, COAXIAL,  
SIZE 12, PIN,  
HIGH FREQUENCY

SIZE A3

CAGE CODE -

DRAWING NO  
C-2286271

RESTRICTED TO -

SCALE 5:1

SHEET 1 OF 1

REV A

1470-19 (3/13)

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