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RELEASED FOR PUBLICATION

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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: $\varnothing .188 \pm .001$ [4.78 ± 0.02]
 Contact diameter: $\varnothing .094 \pm .001$ [2.39 ± 0.02]
 Ferrule diameter: $\varnothing .064 \pm .002$ [1.63 ± 0.05]
 Inner ferrule diameter: $\varnothing .102 \pm .002$ [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

CAGE CODE

DRAWING NO

RESTRICTED TO

A3

-

C-2286271

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SCALE 5:1

SHEET 1 OF 1

REV A

1470-19 (3/13)