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ELECTRICAL

NOMINAL IMPEDANCE (OHMS) 50 ±1

Frequency Range (GHz) DC to 40

Volt Rating (VRMS MAX) @ Sea Level 335

VSWR: DC to 18 GHz: 1.20 MAX

18 to 26.5 GHz: 1.35 MAX

26.5 to 240 GHz: 1.7 MAX

Insertion Loss .012√F GHz (dB min)

Corona, 70,000 Ft (VRMS MIN) 190

Dielectric Withstanding Voltage (VRMS MIN) @ Sea Level 500

Contact Resistance (Milliohms MAX) Center Contact 6.0

Outer Contact 2.0

Cable to Housing 0.5

RF High Potential @ Sea Level (VRMS MIN @ 5 MHz) 325

I.R.(Megohms MIN) 5,000

MECHANICAL

Force to Engage (Lbs MAX) 15

Disengage (Lbs) 5.0 MIN

Center Contact Retention: N/A

Cable Retention: Axial: 20 Lbs. Min.

Rotational: 16 In. Oz.

Interface per MIL-STD-348A, Figure 326-1a

DSCC Reference Part Number: 94008ZCG-2

ENVIRONMENTAL

TEMPERATURE RATING -65° TO +165°C

Vibration MIL-STD-202, Method 204, Condition D

Thermal Shock MIL-STD-202, Method 107, Condition B

Corrosion - MIL-STD-202, Method 101, Condition B

DESIGNED FOR USE WITH

Ø.047 [1.19] SEMI-RIGID CABLE

CABLE ENTRY DIAMETER MINIMUM

HOUSING .050 [1.27]

CONTACT .015 [0.38]

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	F	REV PER ECO 17-008740	7-19-17	E	CT

EMI RING

ANTI-ROCK RING

Ø.135 MAX [3.43]

.250 [6.35]

Ø.080 [2.03]

Ø.133 [3.38]

HOUSING CENTER CONTACT	BERYLLIUM COPPER PER ASTM B 196, ALLOY C17300, CONDITION H	GOLD PLATE PER ASTM-B-488
DIELECTRIC	TFE FLUOROCARBON PER ASTM-D-1457	N/A
COMPONENT	MATERIAL	FINISH

1056521-1

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005 [0.13]

4 PLC ± -

ANGLES ± -

MATERIAL SEE TABLE

FINISH SEE TABLE

DWN 19-APR-05

CHK 20-APR-05

APVD 20-APR-05

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 0.000000

CUSTOMER DRAWING

C.C.THOMAS

R.GROSS

R.GROSS

NAME

SIZE A2

CAGE CODE 00779

DRAWING NO C=1056521

RESTRICTED TO -

SCALE 20:1

SHEET 1 OF 1

REV E

TE Connectivity

OSMP STRAIGHT CABLE JACK

DIRECT SOLDER ATTACHMENT

1471-9 (1/15)

1056521

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