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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

Ø.135 MAX
[3.43]

.250
[6.35]

Ø.080
[2.03]

Ø.133
[3.38]

EMI RING

ANTI-ROCK RING

HOUSING CENTER CONTACT ANTI-ROCK RING EMI RING	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

MATERIAL
SEE TABLE

FINISH
SEE TABLE

DWN
C.C.THOMAS
19-APR-05

CHK
R.GROSS
20-APR-05

APVD
R.GROSS
20-APR-05

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
0.000000

CUSTOMER DRAWING

19-APR-05

20-APR-05

20-APR-05

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SCALE
20:1

SHEET
1 OF 1

REV
E

TE Connectivity

OSMP STRAIGHT CABLE JACK
DIRECT SOLDER ATTACHMENT

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SIZE
A2

CAGE CODE
00779

DRAWING NO
C-1056521

RESTRICTED TO
—

1056521

1056521-1

1471-9 (1/15)

1

2

3

4