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1 REVISION HISTORY

(SEE NOTE 2)

ZONE REV DESCRIPTION

02 Design Release

ROHS Compliant

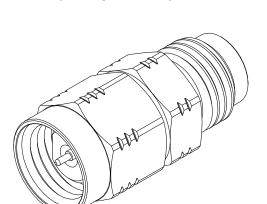
В

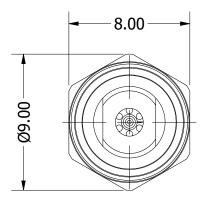
## SPECIFICATIONS: ELECTRICAL RATINGS

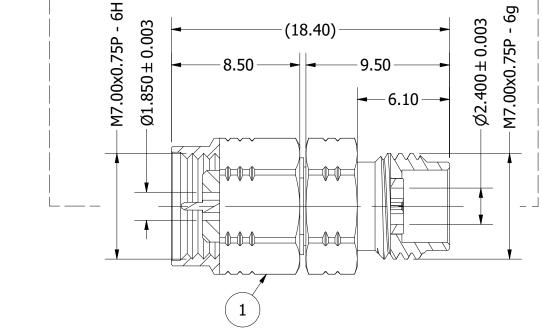
Impedance	50 ohm
Frequency Range	0 ~ 50 GHz
V.S.W.R.	1.20 max. at 50 GHz
Insertion Loss	≤0.42 db max. at 50 GHz
Working Voltage (at Sea Level)	250 V RMS max.
Dielectric Withstanding	1000 V RMS max.
Voltage (at Sea Level)	1000 V KMS IIIax.
Contact Resistance	3 Milliohms max.
Center Contact	2 milliohms max.
Outer Contact	2 IIIIIIOIIIIIS IIIdX.
Insulation Resistance	5000 megohms min.
Durability	≥1000 Cycles
Temperature Range	-55°C To +85°C

## NOTES:

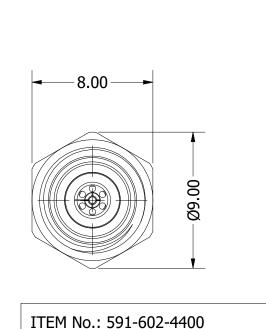
- 1. These characteristics are typical and for reference.
- 2. Protection cap must be installed before packing.
- 3. Parts to be packaged in trays.







**CUSTOMER OUTLINE DRAWING** 



Customer P/N: MLA-185MST-240FST

3	PROTECTION CAP	SOFT PVC (BLUE)	N/A	1
2	PROTECTION CAP	SOFT PVC (GREEN)	N/A	1
1 C-RING		STAINLESS STEEL	N/A	1
1	INSULATOR	PCTFE (WHITE)	N/A	1
1	CONTACT	BERYLLIUM COPPER	GOLD PLATED	1
1	JACK BODY	STAINLESS STEEL	PASSIVATED	1
1	INNER BODY	STAINLESS STEEL	PASSIVATED	1
1	PLUG BODY	STAINLESS STEEL	PASSIVATED	1
1 COUPLING NUT		STAINLESS STEEL	PASSIVATED	1
ITEM	DESCRIPTION	MATERIAL	FINISH	QTY

PROPRIETARY AND CONFIDENTIAL

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(SEE NOTE 2)

DIMENSIONS ARE IN MILLIMETRES

TOLERANCES:

x.x ± 0.1

x.xx ± 0.05

Rad ± 0.1

Dia ± 0.1

Ang ± 0.1°

MATERIAL: N/A

FINISH: N/A

INTERPRET GEOMETRIC TOLERANCING
PER: ASME Y14.5-2009

TITLE

RF C

1.85

UNLESS OTHERWISE SPECIFIED

multiLane
TITLE

RF Coaxial Adapter,
1.85 mm (M) to 2.40 mm (F), 50 GHz

SIZE	QTY	PART NO	REV
В		142-7078-010	02
SCALE	4		

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