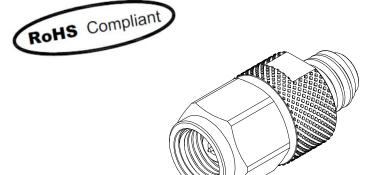
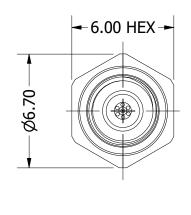
## **SPECIFICATIONS: ELECTRICAL RATINGS**

	Impedance	50 Ohm			
	Frequency Range	DC ~ 110 GHz			
	V.S.W.R.	1.30 max. at 110 GHz			
	Insertion Loss	≤ 0.63 DB max. at 110 GHz			
	Working Voltage (at Sea Level)	250 V RMS max.			
	Dielectric Withstanding Voltage (at Sea Level)	500 V RMS max.			
В	Contact Resistance				
	Center Contact	3 Milliohms max.			
	Outer Contact	2 Milliohms max.			
	Insulation Resistance	1200 megaohms min.			
	Durability	≥ 500 Cycles			
	Temperature Range	-55°C to +165°C			

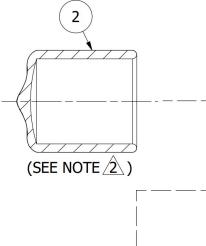
## NOTES:

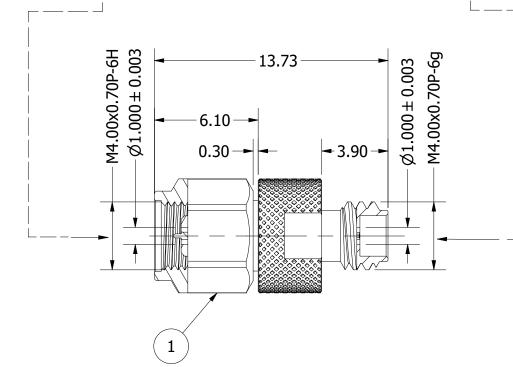
- 1. These characteristics are typical and for reference.
- 2. Protection cap must be installed before packing
- 3. Parts to be packaged in trays.





## **CUSTOMER OUTLINE DRAWING**

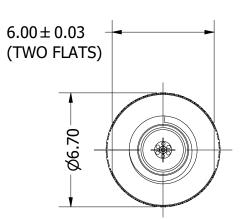




REVISION HISTORY				
REV	DESCRIPTION			
В	Design Release			
$\overline{}$				

В

(SEE NOTE 2)



Customer P/N: MLA-100MST-100FST

	ITEM	QTY	Description	Material	Finish
۱,	1	1	COUPLING NUT	STAINLESS STEEL	PASSIVATED
	1	1	ADAPTOR BODY	BERYLLIUM COPPER	GOLD PLATING
	1	2	INNER BODY 3	BERYLLIUM COPPER	GOLD PLATING
	1	1	INNER BODY 2	BERYLLIUM COPPER	GOLD PLATING
	1	1	INNER BODY 1	BERYLLIUM COPPER	GOLD PLATING
	1	2	ADAPTOR CONTACT	BERYLLIUM COPPER	GOLD PLATING
	1	2	INSULATOR	ULTEM-1000 (WHITE)	N/A
	1	1	RETAINING RING	BERYLLIUM COPPER	N/A
	2	1	PROTECTION CAP	SOFT PVC (GRAY)	N/A
Ī	3	1	PROTECTION CAP	SOFT PVC (GRAY)	N/A

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UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETRES TOLERANCES:  $x.x \pm 0.1$  $x.xx \pm 0.05$ Rad  $\pm$  0.1 Dia ± 0.1 Ang  $\pm$  0.1° MATERIAL: N/A FINISH: N/A AS WHOLE WITHOUT THE WRITTEN PERMISSION OF MULTILANE IS PROHIBITED PER: ASME Y14.5-2009

multiLane TITLE RF Coaxial Adapter, 1.00 mm (M) to 1.00 mm (F) SIZE QTY PART NO REV В Α 142-7078-063 SCALE 4.5

