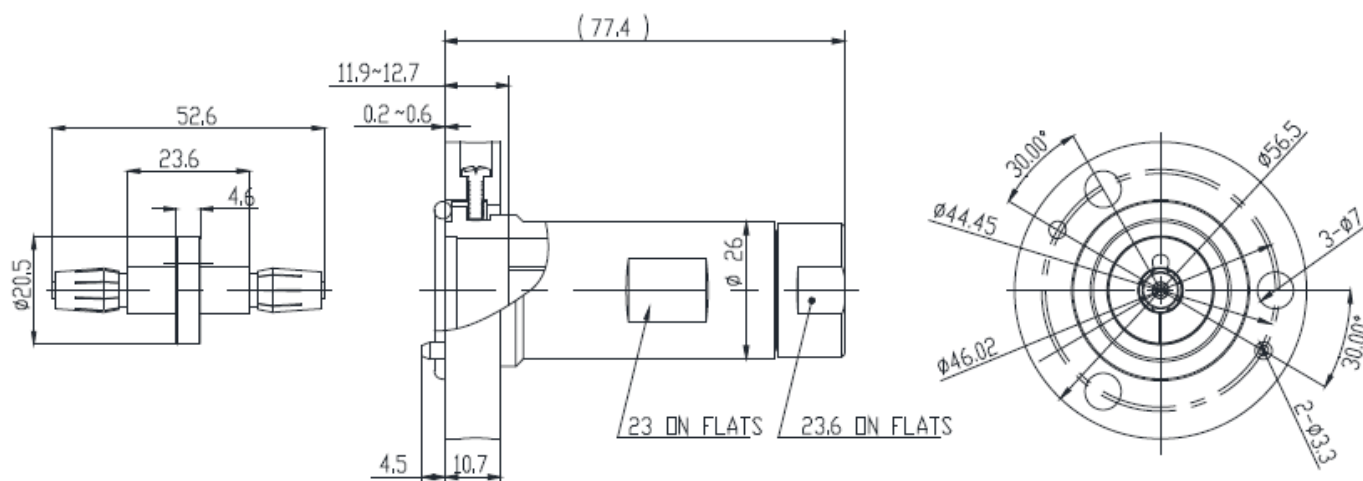


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	7/12/02	J. C. L.	7/12/02
A	CHANGED PER CDC #43190	D. J. H.	10/13/15	J. D. B.	10/15/15
B	CHANGED PER CDC #48903	N. N. N.	4/24/18	D. A. R.	4/24/18



1. Electric Performance

Impedance (Ω):	50
Frequency Range (GHz):	0-0.5
VSWR:	$\leq 1.15:1$ Max up to 0.5GHz
Insertion Loss (dB):	$0.05 \times \sqrt{f}$ (GHz)
Insulation Resistance (M Ω):	≥ 10000
Dielectric Withstanding Voltage (V):	4000
Conductor Resistance (m Ω):	
Outer Conductor:	< 0.5
Inner Conductor:	< 0.8
Average Power (KW):	1.2 (1G) 0.82 (2G)

2. Mechanical Performance

Cable Retention Force (N):	≥ 10
Durability (cycles)	≥ 500

3. Material and Plating

Component	Material	Plating
Body	Brass	Silver 5 μ m min.
Clamp	Brass	Silver 5 μ m min.
Cable entry	Brass	Nickel 5 μ m min.
Flange Ring	Brass	Albaloy 2 μ m min.
Lock ring	Brass	Albaloy 2 μ m min.
Inner contact pin	Brass/Spring Copper	Silver 5 μ m min.
Gasket	Silicone Rubber	
Insulator	PTFE	

4. Environment

Temperature Range	-40 $^{\circ}$ C~+85 $^{\circ}$ C
Thermal Shock	IEC 60068 -2-14-Na
Vibration	IEC 60068 -2-6-Fc
Shock	IEC 60068 -2-27
Climatic Class	IEC 60068 40/085/21
Waterproofing Standard	IP67

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM.	J. C. L.	TIMES MICROWAVE SYSTEMS	
		DATE	7/12/02		
		CHKD.	J. C. L.		
		DATE	7/12/02		
USED ON: ROVO	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS . XX $\pm$ N/A . XXX $\pm$ N/A ANGLES $\pm$ N/A FRACTIONS $\pm$ N/A	APPD.	J. C. L.	EZ-600-78EIA 7/8 EIA FOR LMR-600 CABLE	
		DATE	7/12/02		
SCALE: N/A	DWG. SIZE A	DO NOT SCALE DRAWING	CODE IDENT	68999	DATE 7/12/02
		SHEET	1 of 1	SD3190-1373	REV B

Mouser Electronics

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