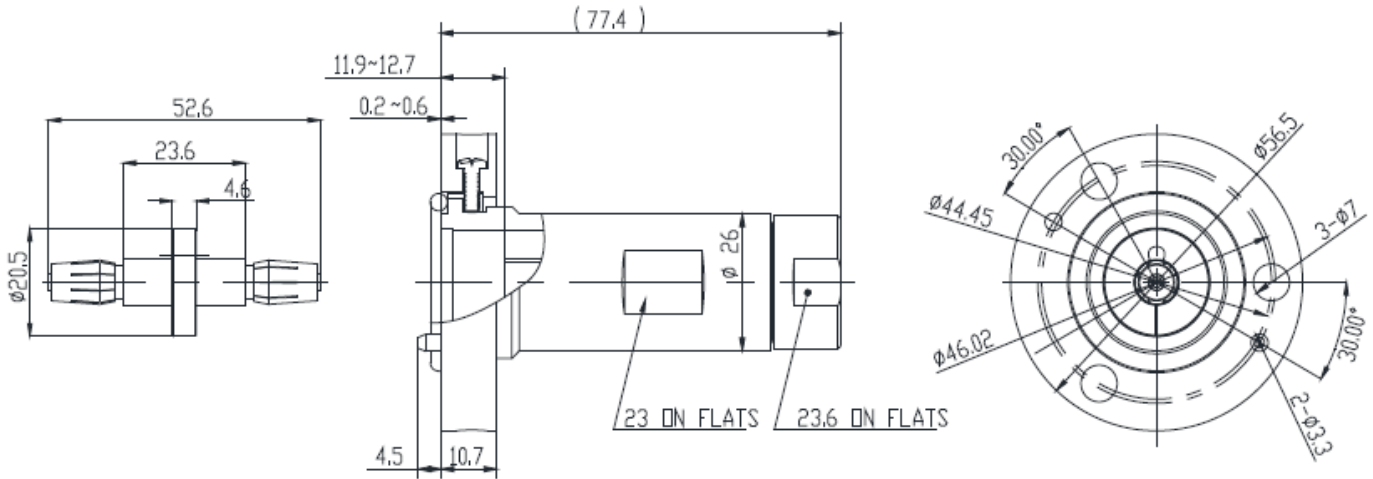


**NOTICE OF PROPRIETARY RIGHTS** THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

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 ( $\Omega$ ):	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 $\Omega$ ):	$\geq 10000$
Dielectric Withstanding Voltage (V):	4000
Conductor Resistance (m $\Omega$ ):	
Outer Conductor:	$< 0.5$
Inner Conductor:	$< 0.8$
Average Power (KW):	1.2 (1G) 0.82 (2G)

**2. Mechanical Performance**

Cable Retention Force (N):	$\geq 10$
Durability (cycles)	$\geq 500$

**3. Material and Plating**

Component	Material	Plating
Body	Brass	Silver 5 $\mu$ m min.
Clamp	Brass	Silver 5 $\mu$ m min.
Cable entry	Brass	Nickel 5 $\mu$ m min.
Flange Ring	Brass	Albaloy 2 $\mu$ m min.
Lock ring	Brass	Albaloy 2 $\mu$ m min.
Inner contact pin	Brass/Spring Copper	Silver 5 $\mu$ 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

MATERIAL:	UNLESS OTHERWISE SPECIFIED	DFTM. J. C. L.	TIMES MICROWAVE SYSTEMS
	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	DATE 7/12/02	
USED ON: ROVO		CHKD. J. C. L.	<b>EZ-600-78EIA</b> 7/8 EIA FOR LMR-600 CABLE
		DATE 7/12/02	
SCALE: N/A	DWG. SIZE A	APPD. J. C. L.	SHEET 1 of 1 SD3190-1373 REV B
DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 7/12/02	