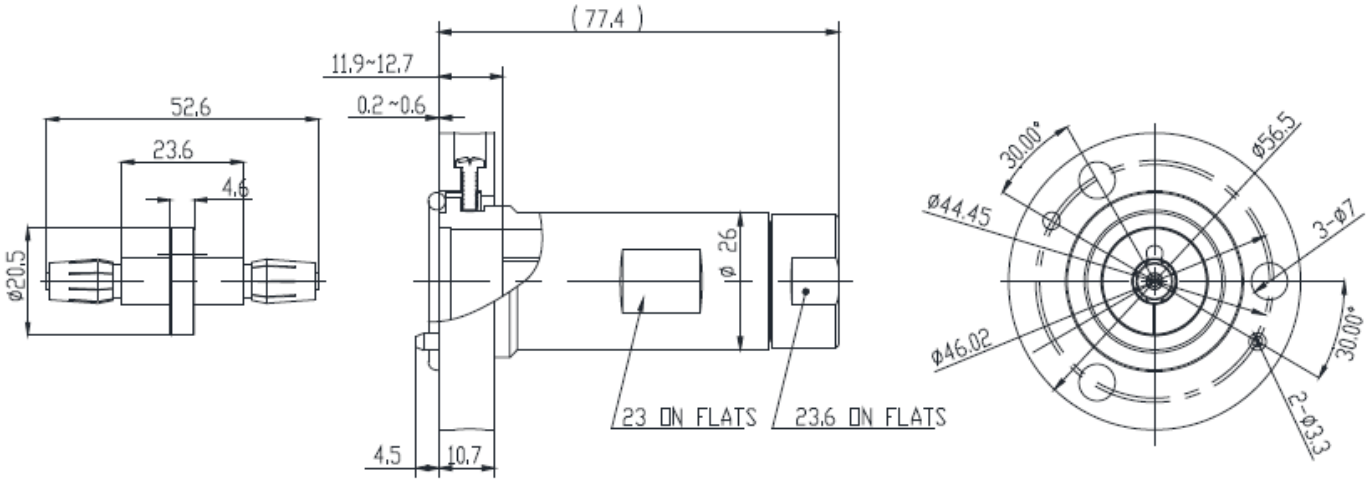
NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED 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 (Ω):	50
Frequency Range (GHz):	0-0.5
VSWR:	≤1.15:1 Max up to 0.5GHz
Insertion Loss (dB):	$0.05x\sqrt{f}$ (GHz)
Insulation Resistance (MΩ):	≥10000
Dielectric Withstanding Voltage (V):	4000
Conductor Resistance (mΩ):	
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 5μm min.
Clamp	Brass	Silver 5μm min.
Cable entry	Brass	Nickel 5μm min.
Flange Ring	Brass	Albaloy 2μm min.
Lock ring	Brass	Albaloy 2μm min.
Inner contact pin	Brass/Spring Copper	Silver 5μm min.
Gasket	Silicone Rubber	
Insulator	PTFE	

4.Environment

Temperature Range	-40℃~+85℃
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	
	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 ± N/A .XXX ± N/A ANGLES ± N/A FRACTIONS ± N/A	DATE 7/12/02	**EZ-600-78EIA** 7/8 EIA FOR LMR-600 CABLE	
USED ON: ROVO		CHKD. J. C. L.		
		DATE 7/12/02		
		APPD. J. C. L.		
SCALE: N/A	DWG. SIZE A / DO NOT SCALE DRAWING / CODE IDENT 68999	DATE 7/12/02	SHT. 1 of 1	SD3190-1373 REV. B

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