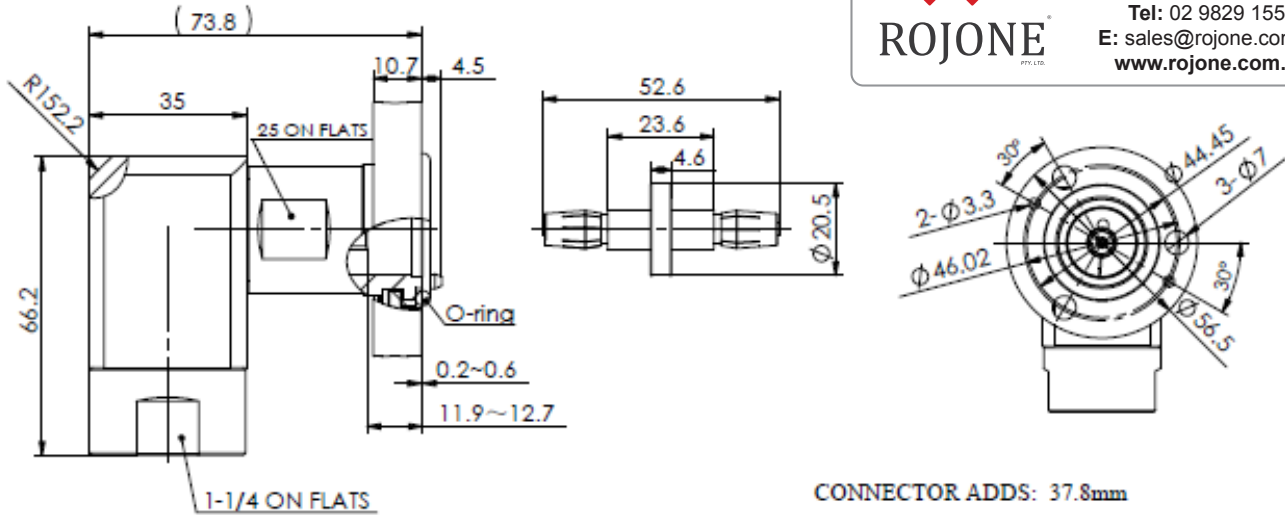


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	RELEASED FOR PRODUCTION	J. C. L.	9/13/03	J. C. L.	9/13/03
A	CHANGED PER CDC #28814	D. J. H.	1/12/09	J. D. B.	1/14/09
B	CHANGED PER CDC #46380	N. N. N.	4/20/17	J. D. B.	4/25/17
C	CHANGED PER CDC #48140	N. N. N.	1/4/18	J. D. B.	1/10/18


Australian Representatives
ROJONE, PTY LTD.
 Tel: 02 9829 1555
 E: sales@rojone.com.au
 www.rojone.com.au



CONNECTOR ADDS: 37.8mm

REFERENCE STANDARD

1. ELECTRIC PERFORMANCE
 NOMINAL IMPEDANCE(Ω)
 FREQUENCY RANGE
 VSWR

50
 DC-0.5GHz
 ≤1.06(0-0.2GHz)
 ≤1.10(0.2-0.4GHz)
 ≤1.15(0.4-0.5GHz)

3. MATERIAL AND PLATING
 INNER CONDUCTOR
 OUTER CONDUCTOR
 INSULATOR
 O-RING

BRASS Ag5µm
 BRASS COPPER-TIN-ZINC2µm
 PTFE
 SILICONE RUBBER

INSERT LOSS(dB)
 INSULATION RESISTANCE(MΩ)
 PROOF VOLTAGE(V)
 AVERAGE POWER(KW)

≤ 0.05
 ≥10000
 4000
 1.7(1G)
 1.2(2G)
 OUTER CONDUCTOR <0.5
 INNER CONDUCTOR<0.8

4. ENVIRONMENT
 TEMP.RANGE
 WEATHER STANDARD
 THERMAL SHOCK
 VIBRATION
 SHOCK
 ROHS COMPLIANT

-40°C~+85°C
 IEC 60068 40 / 085/ 21
 IEC 60068 -2-14-No
 IEC 60068-2-6-Fc
 IEC 60068-2-27

2. MECHANICAL PERFORMANCE
 RETENTION
 MATING CYCLES
 TENSILE FORCE(CABLE-CONNECTOR)
 TORSION(CABLE-CONNECTOR)

≥10N
 500
 300N
 3N.m

5.ASSEMBLY: INNER AND OUTER CONDUCTOR INSTALLED

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 .005 MAX. BREAK MACHINE CORNERS .005 MAX. FILLET R. TOLERANCES ON DECIMALS . XX ± N/A . XXX ± N/A ANGLES ± N/A FRACTIONS ± N/A		DATE 9/13/03		
USED ON: 1	DO NOT SCALE DRAWING		CHKD. J. C. L.	EZ-900-78EIA-RA TYPE 7/8 EIA 90° FOR LMR-900 CABLE	
			DATE 9/13/03		
SCALE: N/A	DWG. SIZE A	CODE IDENT 68999	APPD. J. C. L.	DATE 9/13/03	1 of 1 SD3190-1450 C