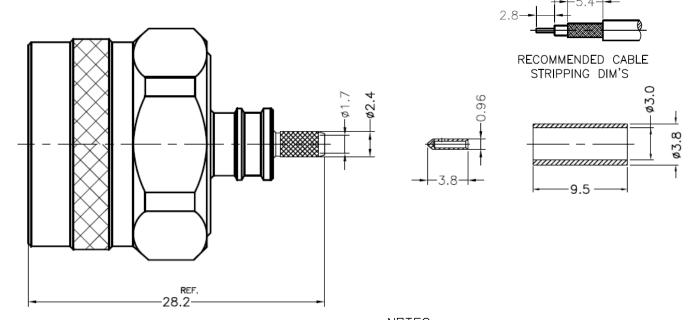
NOTICE OF PROPRIETARY RIGHTS
THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO
TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN
YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

MYZ	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
Α	RELEASED FOR PRODUCTION	n.n.n	4/22/14	J.D.B.	4/23/14
В	CHANGED PER CDC #47089	D.J.H.	6/29/17	J.D.B.	7/6/17



ALL PARTS SATISFIED ROHS REQUIREMENTS

NOTES:

- 1. CENTER PIN IS SOLDERED.
- 2. FERRULE IS CRIMPED TO .128" HEX.

MATERIALS AND PLATING		UNIT: MICRO-INCHES		
DODY CHELL	DD 4 6 6 63 64 4			
BODY, SHELL	BRASS C3604	NICKEL/COPPER		
CONTACT PIN	C54400	GOLD 15u"/COPPER		
INSULATOR	TEFLON MIL-P-19468	NATURAL		
FERRULE	COPPER	NICKEL/COPPER		
GASKET	SILICONE	RED		

MECHANICAL CHARACTERISTICS		
Force to engage and disengage	6 lbs MAX.	
Center contact retention force	6 lbs MIN.	
Recommended coupling torque	6-10 in-lbs	
Coupling nut retention force	≥ 100 lbs	
Durability	≥ 500 cycles	

ELECTRICAL CHARACTERISTICS		
Impedance	50 Ω	
Voltage rating	335V(rms)	
Frequency range	0~3GHz	
Dielectric withstanding voltage	500V	
Contact resistance	Center contact≤1.5 mΩ Outer contact≤1 mΩ	
Insulation resistance	≥5000MΩ	
Insertion loss	N/A	
RF- leakage	N/A	
VSWR	1.3 MAX.	
3rd Intermodulation		

ENVIRONMENTAL CHARACTERISTICS				
Temperature range		-55°C- +155°C		
Thermal shock	US MIL- ST	D 202, Meth. 107, Cond. B		
Vibration	US MIL- STI	D 202, Meth. 204, Cond. B		
Shock	US MIL- STI	D 202, Meth. 213, Cond. I		

MATL:	UNLESS OTHERWISE SPECIFIED	DFTM.N.N.N	TIMES MISDEWAVE SYSTEMS
1	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX.	DATE 4/22/14	TIMES MICROWAVE SYSTEMS
	REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° MAX. FILLET R.	CHKD. J. D. B.	SC-100-NM
USED ON:	TOLERANCES ON DECIMALS	DATE 4/23/14	N Male
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	APPD. J. D. B.	for LMR-100A
SCALE: N/A DWG. A	DO NOT SCALE DRAWING CODE 68999	DATE 4/23/14	튀1 of 1 SD3190-3029 🖁 B