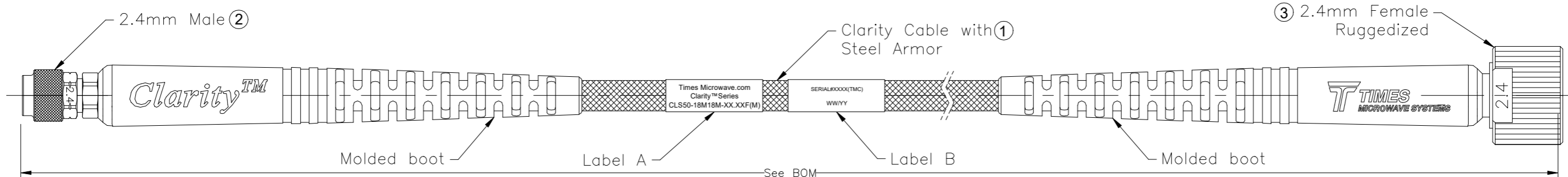


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	DATE
-	Preliminary	TZ	2021/08/27	JM	2021/08/27



1. RF test requirements:
 - 1.1. VSWR: 1.35 Max @ 50GHz
 - 1.2. Loss: See BOM
2. Connector Specification
 - 2.1. Frequency range : DC ~ 50GHz
 - 2.2. Impedance : 50 Ohm Nom.
 - 2.3. Material and Finish
 - 2.3.1. Body & Hex Nut : Passivated Stainless Steel
 - 2.3.2. Insulator : PTFE & ULTEM
 - 2.3.3. Center contact & Pin : Gold plated Beryllium copper
 - 2.3.4. Solder Body : Gold plated Brass
 - 2.3.5. Bush : Passivated Stainless Steel
 - 2.3.6. Lock ring : Beryllium Copper
 - 2.3.7. Clamp nut : Nickel plated Brass
 - 2.3.8. O-ring : Silicone Rubber
3. Cable Specification
 - 3.1. Center Conductor: Silver Plated Copper Clad Steel Wire
 - 3.2. Dielectric: Solid TF4
 - 3.3. Outer Conductor: Silver Plated Copper Tape
Silver Plated Copper Braids
 - 3.4. Jacket: FEP
 - 3.5. Armor: Steel Spring Armor with PTFE Braids
4. RoHS Compliant

Label A:

Times Microwave.com
Clarity™ Series
CLS50-24M2RF-XX.XXF(M)

Label B:

SERIAL#XXXX(TMC)
WW/YY

No.	Configuration	Length	IL Max (@50GHz)
1	CLS50-24M2RF-01.00M	1m +/-0.02m	6.63 dB
2			

Item	Part Number	Description	Qty
6			
5			
4			
3	3190-6567	2.4mm Female Ruggedized Connector	1 pce
2	3190-6566	2.4mm Male Connector	1 pce
1	170020+52115	Clarity 50GHz Cable with Steel Armor	See BOM

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM. TZ	 CL S50-24M2RF-XX.XXF(M)	
	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.3 .XX ±0.15 ANGLES ±2° FRACTIONS ± N/A		DATE 2021/08/27		
USED ON: O			CHKD KS		
			DATE 2021/08/27		
SCALE: N/A	DWG SIZE A4	DO NOT SCALE DRAWING	CODE IDENT 68999	APPD JM	
			DATE 2021/08/27	SHT 1 OF 1	R E V -