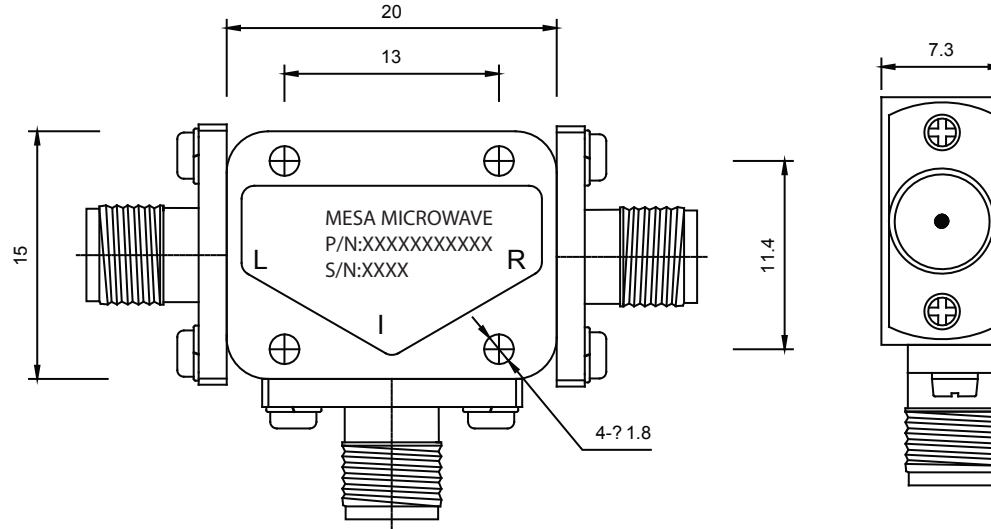


THIS DRAWING INCLUDING THE DESIGNS IS THE PROPERTY OF MESA MICROWAVE AND IS NOT TO BE USED FOR ANY PURPOSE WITHOUT OUR APPROVAL

# DOUBLE & TRIPLE BALANCED MIXER






OUTLINE DRAWING(mm):

## SPECIFICATIONS

(Electrical Specifications @ 25°C )

- RF Frequency Range: 12-20 GHz
- RF VSWR: 3:1
- LO Frequency Range: 12-20 GHz
- LO Power Range: 7-13 dBm
- LO VSWR: 3:1
- Conversion Loss: 6 dB Typ
- Single-sideband noise figure: 6 dB Typ
- LO-to-RF Isolation: 30 dB Typ
- LO-to-IF Isolation: 30 dB Typ
- RF-to-IF Isolation: 30 dB Typ
- Input power @ 1 dB compression: +5 dBm
- Input two-tone-third-order intercept point: 19 dBm
- Output IF Frequency: DC-0.5 GHz Max
- Output IF VSWR : 2.5:1
- Operating Temp: -40C to +85C
- Non-Operating Temp: -55C to -125C
- Dimensions: 20 X 15 X 7.3
- Weight: 50 Gram
- RF Connector Input: SMA-F
- RF Connector Output: SMA-F
- Impedance: 50 Ohms

		2460 W. Ray Rd., Ste. 2 Chandler, AZ 85224 T. 480.890.1612 F. 480-890-2150 sales@mesamicrowave.com www.mesamicrowave.com	
Your Source for R/F And Microwave Components			
DESCRIPTION :		<b>Double &amp; Triple Balance Mixer</b>	
MODEL NO. :		<b>MMCBM-1220-30</b>	
	SIZE <b>A</b>	CAGE CODE : <b>6LBG8</b>	REV CODE :
	SCALE : N / A		ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME
		SHEET	1 OF 1