

Part No:

HWMX15-SFV



WR-15 Balanced Mixer, V-Band - 50 to 75 GHz

Electrical

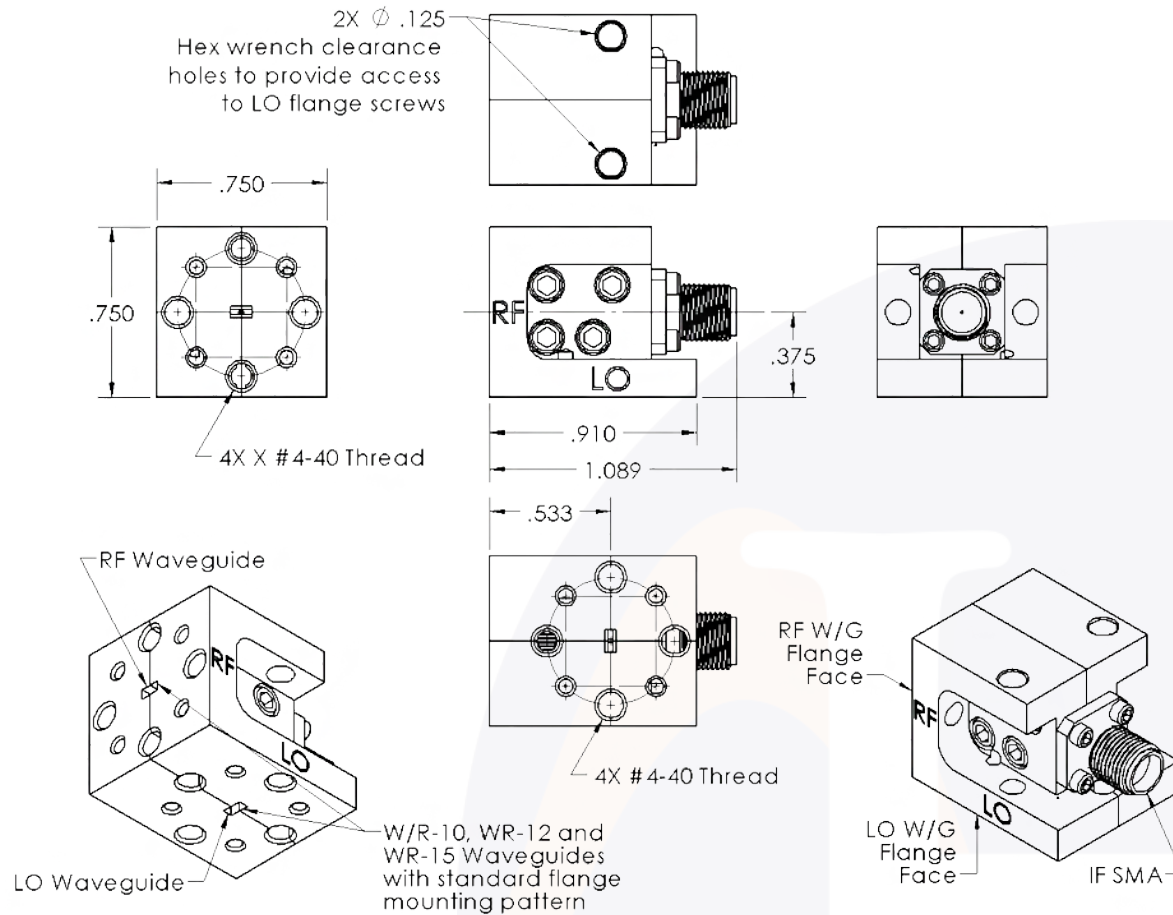
• Waveguide	WR-15
• Frequency Range	50 - 75 GHz
• LO Frequency	50 - 75 GHz
• LO Input Power	+13 dBm Typ.
• IF Frequency	1 - 10 GHz
• Conversion Loss	8.5 dB Typ.
• LO/RF Isolation	+20 dB Typ.

Material

• Body	Gold plated Aluminum
• Waveguide Out	UG-385/U
• SMA Connector	Passivated Stainless Steel
• SMA Contact	Gold plated BeCu

The HWMX15-SFV is a Full V-Band Balanced Mixer. This mixer is designed using the best performance GaAs Schottky beam-lead diodes. These mixers offer excellent low conversion loss and great port to port Isolation. The LO Power required to drive this mixer only needs 13 dBm LO power. The IF operates from DC to 10 GHz. The same mixer can be used as an Up-converter or a Down-converter. This design is very high performance and offered at a great value.

WR-15 Balanced Mixer, V-Band | 50 to 75 GHz | Outline Drawing



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MATERIALS:
SEE DATA SHEET

CAGE CODE:
0T8L4

SCALE:
N/A

SIZE:
A

FINISHES:
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PART NO./DRAWING NO.

HWMX15-SFV

REV:
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