

Part No:

HWFM22-SF4X15



WR-22 Active Multiplier with SMA Female Connector, Q-Band - 33 to 50 GHz Output Frequency

Electrical

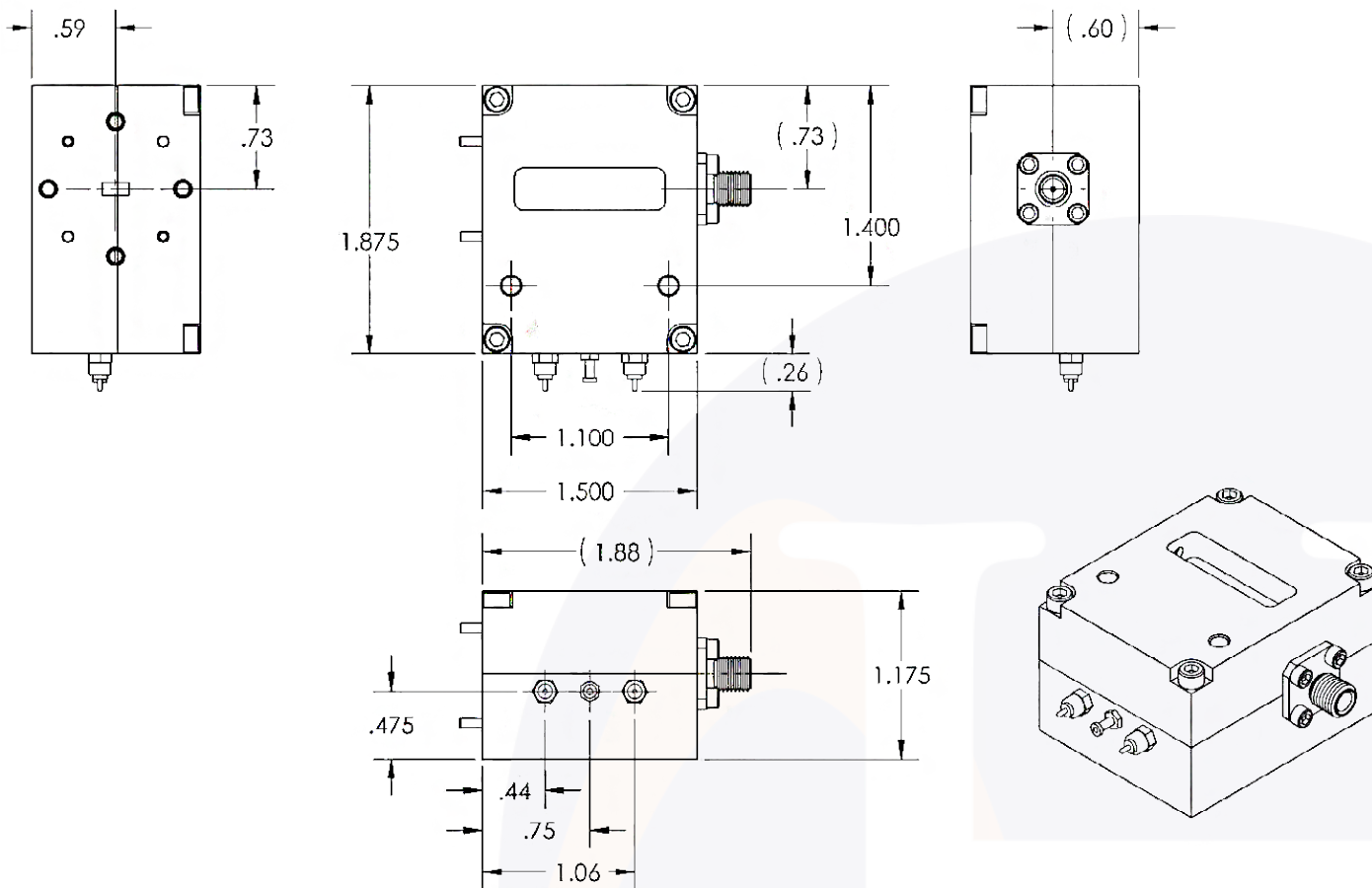
• Waveguide	WR-22
• Input Frequency	8.25 - 12 GHz
• Input Power	3 - 8 dBm
• Multiplication	x4
• Output Frequency	33 - 50 GHz
• Output Power	15 dBm min, 17 dBm typical
• Signal Purity	-20 dBc typical
• DC	8V @ 600 mA typical

Material

• Body	Gold plated Aluminum
• Waveguide Out	UG-383/U
• SMA Connector	Passivated Stainless Steel
• SMA Contact	Gold plated BeCu

The HWFM22-SF4X15 is a Full Band WR-22 Active Multiplier. This Multiplier can be used as a Q-Band Frequency Extender. It operates in frequency from 33 to 50 GHz with an Output Power of +15 dBm min. Multipliers are useful in test labs or in a system. The Output Power is adequate to drive Balance Mixers in Up-Converters and Down-Converters for Transmitters and Receivers.

WR-22 Active Multiplier with SMA Female Connector, Q-Band | 33 to 50 GHz | Outline Drawing



LTR	DESCRIPTION	DATE	APPR.	DRAWN BY: NS	REVIEWED BY: JS
-	RELEASE	8/23	TAC		APPROVED BY: TC
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MATERIALS:

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FINISHES:

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CAGE CODE:

0T8L4

SCALE:

N/A

SIZE:

A

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REV:

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