

QWIE

High Power, High Isolation

Features:

- * High Power
- * High Isolation
- * Low Insertion Loss
- * Low VSWR

Applications:

- * Wireless
- * Radar
- * Laboratory Test

Description

QWIE series Waveguide Isolators cover frequency range 12400~18000MHz. High power, high isolation and low insertion loss make it ideal for a lot of applications like amplifiers, transceivers, etc.

Specifications

Part Number	Frequency Range (MHz)	Insertion Loss (dB, max.)	Isolation (dB, min.)	VSWR (max.)	Temperature (°C)
QWIE-12400-13750	12400~13750	0.35	20	1.2	-40 ~ +85
QWIE-13750-14500	13700~14500	0.3	23	1.15	-40 ~ +85
QWIE-14500-15500	14500~15500	0.3	23	1.15	-40 ~ +85
QWIE-15000-18000	15000~18000	0.35	20	1.2	-40 ~ +85
QWIE-15500-16500	15500~16500	0.3	23	1.15	-40 ~ +85
QWIE-16500-17500	16500~17500	0.3	23	1.15	-40 ~ +85

Power Handling

Forward Power: 100W

Reverse Power: 30W

Mechanical

Size: 51.0*33.0*21.0mm
2.008*1.299*0.827in

Interface: WR-62 (BJ140)

How To Order

QWIE-X-Y

X: Start frequency in MHz

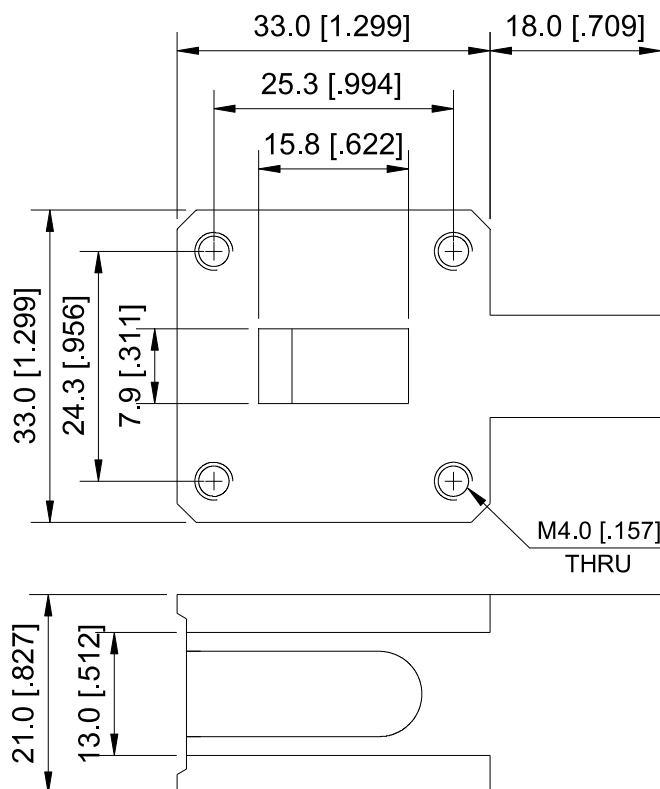
Y: Stop frequency in MHz

Examples:

To order a QWIE series Isolator, 12400-13750MHz, specify QWIE-12400-13750.

Customization is available upon request.

Outline Drawings



Unit: mm [inch]

Tolerance: ±0.2mm [±0.008in]