



WERLATONE

SINCE 1965

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## -3 dB Hybrid Coupler (SMT)

### Model QH7900

Frequency: 450-2800 MHz

Power: 125 W CW

Insertion Loss: 0.55 dB Max.

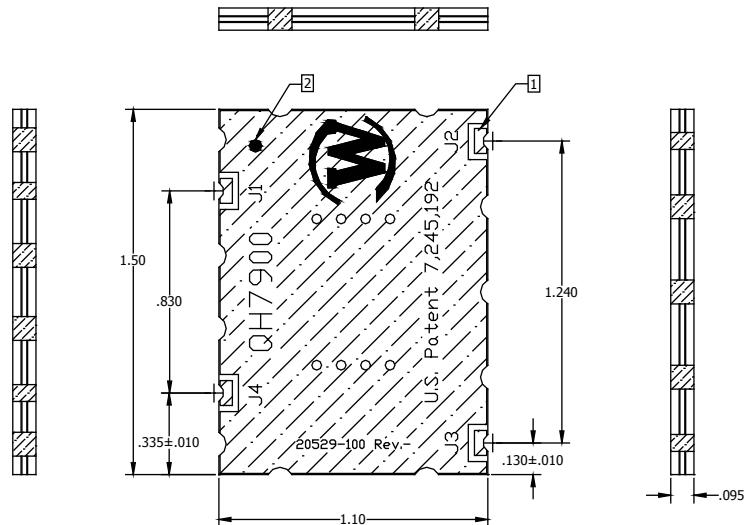
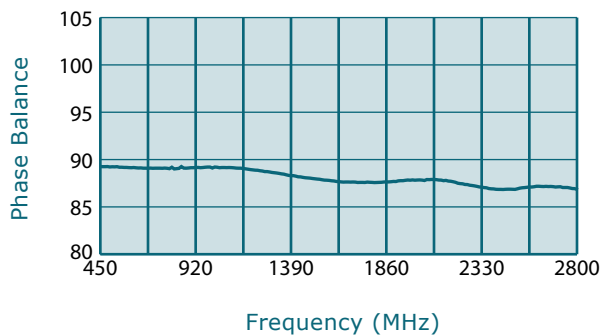
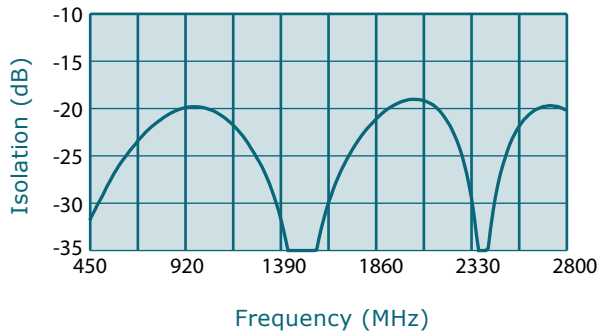
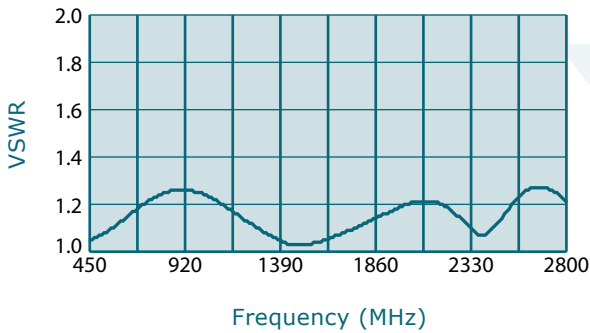
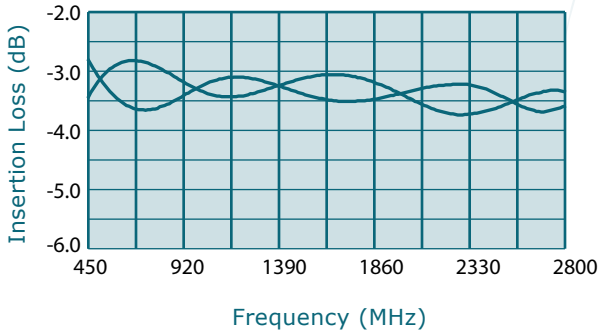
VSWR: 1.30:1 Max.

Isolation: 18 dB Min.

Phase Balance:  $90 \pm 5^\circ$  Max.

Amplitude Balance:  $\pm 0.45$  dB Max.

- Operating Temperature:  $-55^\circ$  to  $+85^\circ$  C
- All specifications guaranteed.



#### NOTES: UNLESS OTHERWISE SPECIFIED

1. Ports (4X) are  $\varnothing$ .080 Plated Castellations (4X)
2.  $\varnothing$ .050 Printed Fiducial for Orientation
3. Hatched Areas Denote Metallization
4. SMT Component. Reference Tech Note for Mounting Recommendations.
5. Plating Options:  
QH7900-Pb : Electrodeposited Tin/Lead  
QH7900-Sn : Immersion Tin  
QH7900-Ag : Immersion Silver  
QH7900-Au : ENIG

high power RF devices