



WERLATONE

SINCE 1965

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-3 dB Hybrid Coupler (Drop-In)

Model QH7785

Frequency: 200-1000 MHz

Power: 100 W CW

Insertion Loss: 0.5 dB Max.

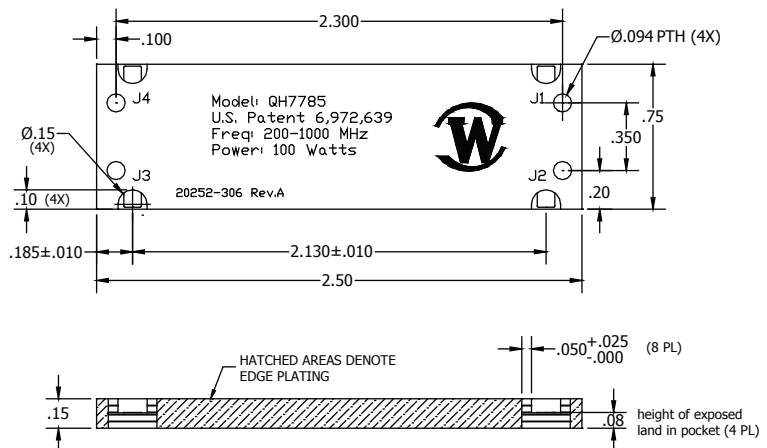
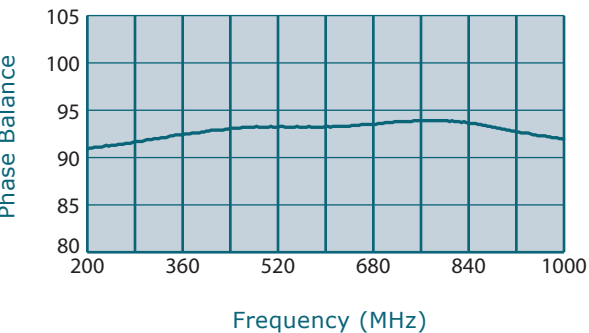
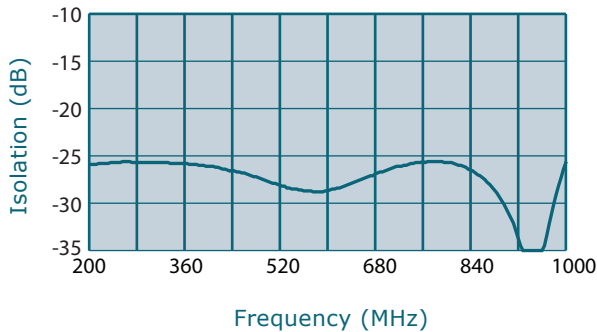
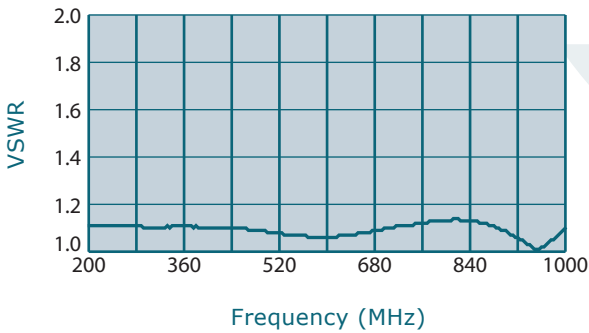
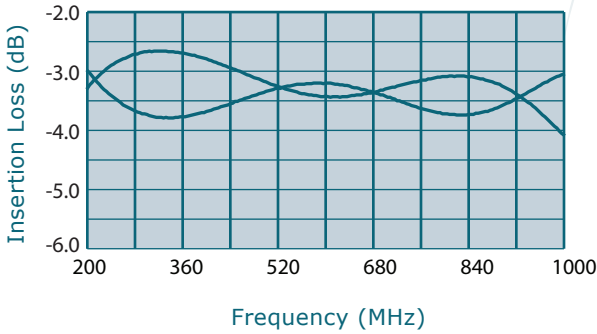
VSWR: 1.30:1 Max.

Isolation: 20 dB Min.

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

Amplitude Balance: ± 0.6 dB Max.

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



NOTES: UNLESS OTHERWISE SPECIFIED

1. SURFACE FINISH: 40 ± 15 micro-INCHES IMMERSION TIN IAW IPC 4554.
2. MOUNT COUPLER FLUSH WITH HEATSINK.
3. STRIPLINE STRUCTURE HAS EXPOSED COPPER LANDS. PCB MUST HAVE A CUTOUT TO ACCOMMODATE PART. ALIGN 50 Ohm LANDS WITH .08" EXPOSED LAND AND MAKE SOLDER JOINT WITH LEAD (NOT SUPPLIED).

high power RF devices