



Model: HC-E000-QS

Description:..... 90° / 3dB Hybrid Coupler
Operating Frequency:..... 4 - 8 GHz
Coupling (Including Loss and Flatness):..... 3.1 ± 0.6 dB Max
Frequency Flatness:..... ± 0.5 dB Max
Isolation 20 dB Min
VSWR:..... 1.30:1 Max
Phase Error:..... $\pm 3^\circ$ Max
Power Handling: AVG/CW:..... 50W Max
..... Peak: 3KW Max
Connectors: SMA (f)
Impedance: 50 Ohms Nominal
Quality:..... Best-Commercial-Grade

Environmental Ratings:

Temperature:..... {Operating: -55°C to +95°C} & {Storage: -60°C to +110°C}
Humidity: MIL-STD-202F, Method 103B Cond. B (96 hours at 95% R.H.)
Shock: MIL-STD-202F, Method 213B, Cond. B (75G, 6mSec)
Vibration: MIL-STD-202F, Method 204D, Cond. B (.06" double amplitude, or 15G)
Altitude: MIL-STD-202F, Method 105C, Cond. B (50,000 Feet)
Temp. Shock: MIL-STD-202F, Method 107D, Cond. A (5 cycles)

Outline

("A" = 1.250" [31.8mm])

