



Model: HC-Y000-QS

Description:..... 90° / 3dB Hybrid Coupler
 Operating Frequency:..... 5 - 10 GHz
 Coupling (Including Loss and Flatness):..... 3.2 ± 0.6 dB Max
 Frequency Flatness:..... ± 0.6 dB Max
 Isolation 19 dB Min
 VSWR:..... 1.40:1 Max
 Phase Error:..... ±3° Max
 Power Handling: AVG/CW:..... 30W Max
 Peak: 2KW Max
 Connectors: SMA (f)
 Impedance:..... 50 Ohms Nominal
 Quality:..... Best-Commercial-Grade

Environmental Ratings:

Temperature:..... {Operating: -40°C to +85°C} & {Storage: -50°C to +100°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" = 1.150" [29.2mm])

