



90° HYBRID

MODEL HX60-34

Guaranteed Specifications

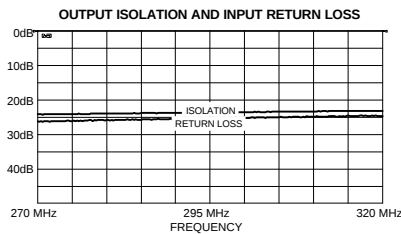
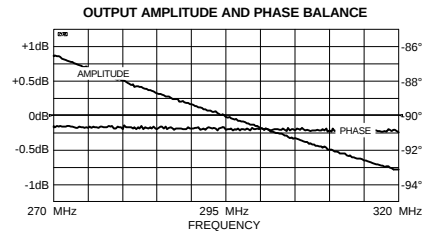
Parameter	Range	Limits
Frequency	295 MHz	Center
Bandwidth	270 MHz to 320 MHz	Min
Insertion Loss	270 MHz to 320 MHz	0.3 dB Max
Isolation	270 MHz to 320 MHz	20 dB Min
Phase Balance	270 MHz to 320 MHz	±2° Max
Amplitude Balance	270 MHz to 320 MHz	±1 dB Max
Center Frequency	295 MHz	±.25 dB Max

Note: All specifications apply in a 50 Ohm system.

Maximum Ratings

Input Power	1 Watt
Temperature Range	-54°C to +85°C

Typical Performance



Reliability

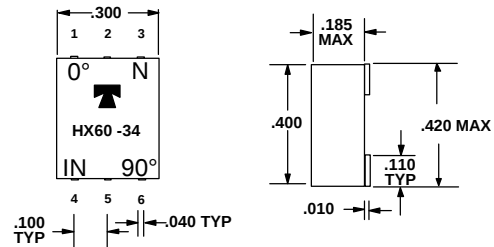
All units are designed and constructed to meet or exceed specifications after exposure to any or all of the following MIL-STD-202 tests which are applicable.

Test	Method	Condition
Temperature Cycle	107G	A
Thermal Cycle	107G	AA
Vibration	204D	A
Solderability	208F	
Terminal Strength	211A	A
Terminal Fatigue	211A	C
Mechanical Shock	213B	C

Features

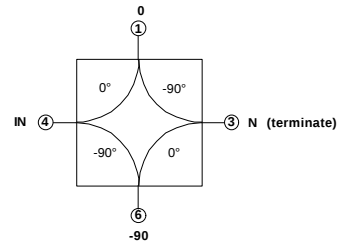
- ♦ <0.25 dB Amplitude Balance
- ♦ Surface Mount
- ♦ 1° Phase Balance Typical
- ♦ High Temp Materials

Outline Drawing

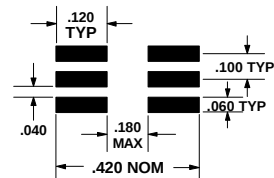


Weight (Approx.) 5 grams

Block Diagram



Footprint



All characteristics of Tele-Tech products may be modified to meet customer requirements.

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