



5-WAY IN-PHASE DIVIDER/COMBINER

MODEL DX95

Guaranteed Specifications

Parameter	Range	Limits
Frequency	500 kHz to 300 MHz	Min
Insertion Loss	500 kHz to 300 MHz	1.5 dB Max
Isolation	500 kHz to 300 MHz	20.0 dB Min
Amplitude Balance	500 kHz to 300 MHz	0.25 dB Max
Phase Balance	500 kHz to 300 MHz	3° Max
Impedance	50 Ohms	Nominal

Note: All specifications apply in a 50 Ohm system.

Maximum Ratings

Input Power	1 Watt
Internal Dissipation	125 mW
Temperature Range	-54°C to +85°C

Reliability

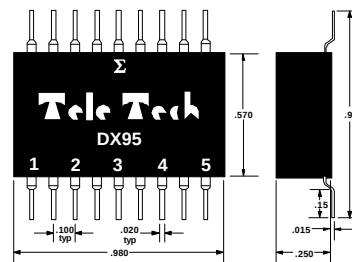
All units are designed and constructed to meet or exceed specifications after exposure to any or all of the following MIL-STD-202 tests which are applicable.

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

Features

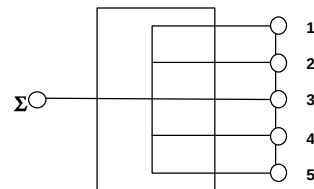
- ◆ Surface Mount
- ◆ Logical Pinout
 - ◆ <0.25 dB Midband Loss
 - ◆ Excellent Balance

Outline Drawing

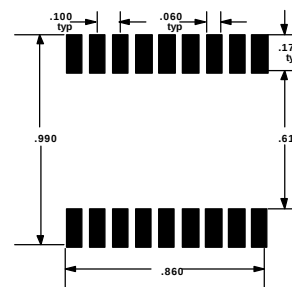


All unused pins must be connected to signal ground

Block Diagram



Footprint



VIA All Unused Pins to Signal Ground

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

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