

**Features**

- Broad bandwidth
- Wide input dynamic range
- 50 Ω Impedance
- Hermetic TO-8C package
- Operating temperature range: -55°C ~ +85°C

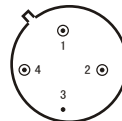
**Specifications** (measured in a 50 Ω system, T<sub>A</sub> = -55°C ~ +85°C)

Model	Frequency Range (MHz)	Coupling (dB)	Coupling Flatness (dB)	Main-line Loss (dB)	Isolation (dB)	VSWR
TDC-10A	20~500	10.5	±0.5	≤2.0	≥25	1.6:1
TDC-10B	50~1400	10.5	±0.5	≤2.0	≥25	1.6:1
TDC-15A	20~500	14.5	±0.5	≤1.0	≥30	1.6:1
TDC-15B	50~1500	14.5	±0.5	≤1.5	≥30	1.6:1
TDC-20A	20~500	19.5	±0.5	≤1.0	≥35	1.6:1

"Δ" Measured at T<sub>c</sub> = 24 ± 1°C

**Absolute Maximum Ratings**

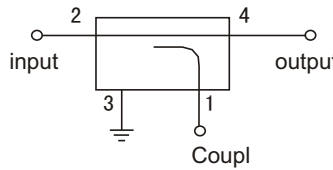
Input power : +30dBm  
storage temperature +125°C



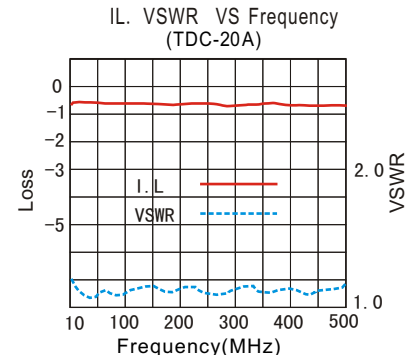
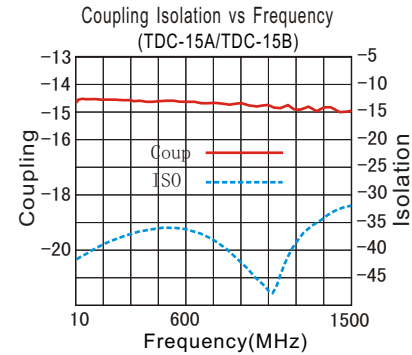
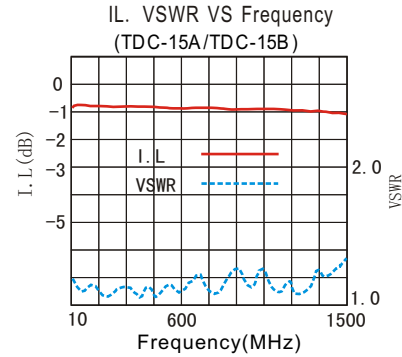
TO-8C

**Application Notes:**

1. See assembly section for mounting information



**Typical Performance**



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