

These Non-QPL interface transformers are built and tested in ISO 9001 approved facilities.

- ⊗ Dual ratio, single interface
- ⊗ Through-the-board package
- ⊗ Standard Height: 0.240 in.
- ⊗ Conform to all electrical and physical parameters of MIL-PRF-21038/27
- ⊗ Operating Temperature: -55°C to +125°C
- ⊗ Lead Finish: Sn63Pb37
- ⊗ Moisture Sensitivity Level: 1
- ⊗ Applicable Specifications:
 - ⊗ MIL-STD-1553B
 - ⊗ MIL-STD-202
 - ⊗ MIL-PRF-21038
 - ⊗ ISO 9001

Summary Performance Specifications

Drop	20% MAX
Overshoot	±1V MAX
Common Mode Rejection (CMR)	45dB MIN
Frequency Range (no load)	75kHz - 1MHz
Insulation Resistance (MIN)	10K MΩ @ 250Vdc
Dielectric Withstanding Voltage	100Vrms

Electrical Specifications @ 25°C

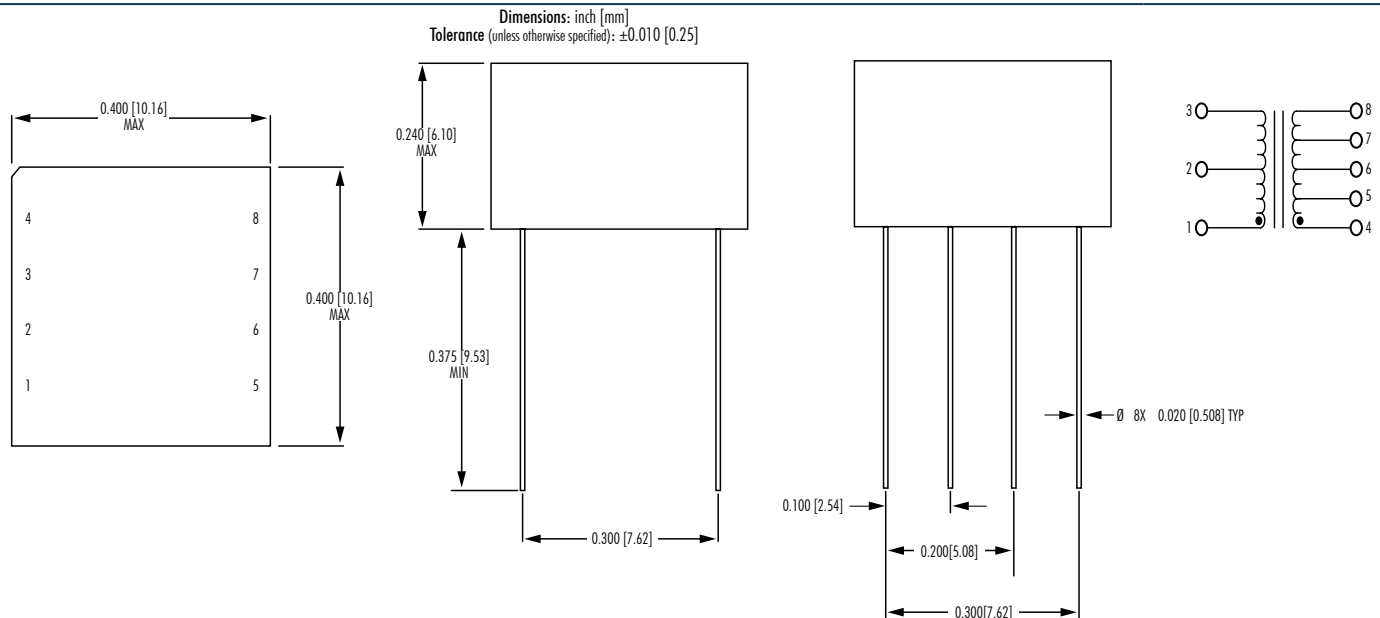
Part Number	Turns Ratio (±3%)		RDC MAX (Ω)		Impedance MIN (Ω)
	(1-3) : (4-8)	(1-3) : (5-7)	(1-3)	(4-8)	(4-8)
SMU1553-45	1CT:2.50CT	1CT:1.79CT	1.0	3.30	4000
SMU1553-71	1CT:3.54CT	1CT:2.50CT	0.35	3.50	4000

NOTES:

1. Designed for transceivers utilizing a single supply voltage (+5V).

Mechanicals

Electrical Schematics



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