

MIL-STD-1553 INTERFACE TRANSFORMER

- qualified for all MIL-STD-1553 applications
- dual ratio in one package
- designed, constructed, and tested to meet MIL-PRF-21038 Level C
- standard package-no standoffs

APPLICABLE SPECIFICATIONS

- MIL-PRF-21038/27
- MIL-I-45208
- MIL-STD-202
- MIL-STD-1553B
- MIL-T-10727

SPECIFICATION REQUIREMENTS

Impedance.....	see chart
Droop.....	<20%
Overshoot.....	+/-1 volt maximum
Common mode rejection (CMR).....	>45 dB
Frequency range (no load).....	75 kHz-1 MHz
Operating temperature range.....	-55°C to +130°C
Weight.....	<5 grams
Insulation resistance (minimum).....	10 Kohms @ 250VDC
Dielectric withstanding voltage.....	100 ACVrms

Part No.	Height Max. Inches	Terminals	Ratio +/-3%	RDC ohms Max.	Impedance ohms Min.
HY1553-3	.250	1-3 : 4-8	1.25CT-1CT	(1-3) 3.2	(1-3)
		1-3 : 5-7	1.66CT-1CT	(4-8) 3.0	4,000

SCHEMATIC AND DIMENSIONS

