

1-Stub Data Bus Couplers



PART NUMBER	APPLICATION
EE5001-1	Flange Mount
LF5001-1	Flange Mount ✓ RoHS

DESCRIPTION	TECH NOTES
Bus & Stub Jacks	TRB 3-Lug Jacks
Tech Note	Non-terminated
Bus Termination	None



PART NUMBER	APPLICATION
EE5001-2	Flange Mount
LF5001-2	Flange Mount ✓ RoHS

DESCRIPTION	TECH NOTES
Bus & Stub Jacks	TRB 3-Lug Jacks
Tech Note	Single-terminated
Bus 2 Termination	78.7 Ohm ± 1%, 2W Resistor



PART NUMBER	APPLICATION
EE5001-3	Flange Mount
LF5001-3	Flange Mount ✓ RoHS



PART NUMBER	APPLICATION
EE5001-4	Flange Mount
LF5001-4	Flange Mount ✓ RoHS

DESCRIPTION	TECH NOTES
Bus & Stub Jacks	TRB 3-Lug Jacks
Tech Note	Single-terminated
Bus 1 Termination	78.7 Ohm ± 1%, 2W Resistor



PART NUMBER	APPLICATION
EE5001-5	Flange Mount
LF5001-5	Flange Mount ✓ RoHS

DESCRIPTION	TECH NOTES
Bus & Stub Jacks	TRB 3-Lug Jacks
Tech Note	Single-terminated
Bus 2 Termination	78.7 Ohm ± 1%, 2W Resistor



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1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD 1553B

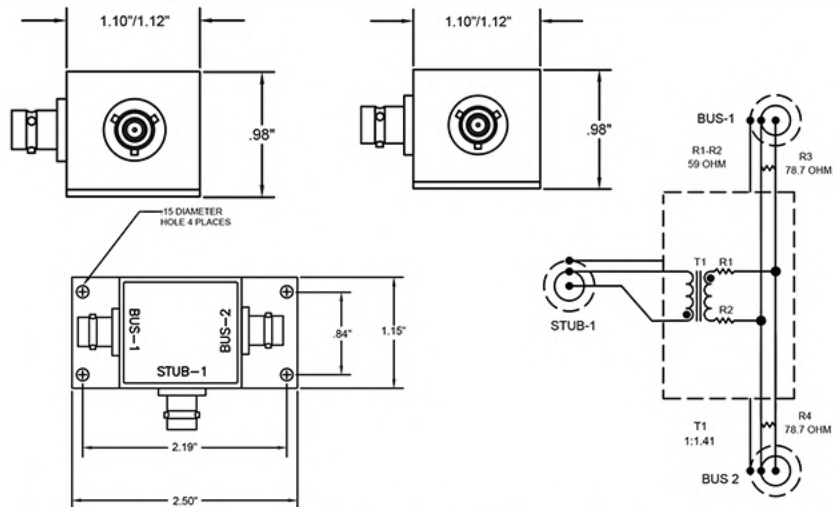
- 1.1 DROOP: 20% MAXIMUM
- 1.2 OVERSHOOT AND RINGING: +/- 1.0V PK-PK
- 1.3 TRANSFORMER RATIO: 1:1.41 STUB TO BUS
- 1.4 FAULT PROTECTION R1-R2: 59 OHM +/- 1%, 2 WATT PER MIL-R-39007
- 1.5 TERMINATION RESISTOR R3-R4: 78.7 OHM +/- 1%, 2 WATT PER MIL-R-39007
- 1.6 COMMON MODE REJECTION: -55dB @ 1MHz

2.0 MECHANICAL SPECIFICATIONS:

- 2.1 HOUSING: DIE CAST A360 ALUMINUM ALLOY CLEAR ANODIZED AND PAINTED WITH TEXTURE BAKED ENAMEL, COLOR BLUE
- 2.2 BASE PLATE: 6061-T6 ALUMINUM, SATIN FINISH
- 2.3 BUS AND STUB CONNECTOR: 3-LUG PJ1007 OR EQUIVALENT
- 2.4 MATING CONNECTOR: EE1001-XX OR EQUIVALENT
- 2.5 ENCAPSULATING: EPOXY
- 2.6 DIMENSIONS: NOMINAL
- 2.7 NOMINAL UNIT WEIGHT: 2.50 OUNCES (70.87 GRAMS)

3.0 ENVIRONMENTAL:

- 3.1 OPERATING TEMPERATURE: -55°C TO +125°C



Contact Electro for custom connectorization and configurations.