

MIL-STD-1553 PCB MOUNT DATA BUS COUPLER

Ruggedized

PulseR
Ruggedized Solutions

DBP-740X

- Ⓡ Internal transformers per MIL-PRF-21038/27
- Ⓡ Internal resistors per MIL-R-39007, Failure Grade S
- Ⓡ 5 stubs *with or without* internal bus termination
- Ⓡ Epoxy encapsulated

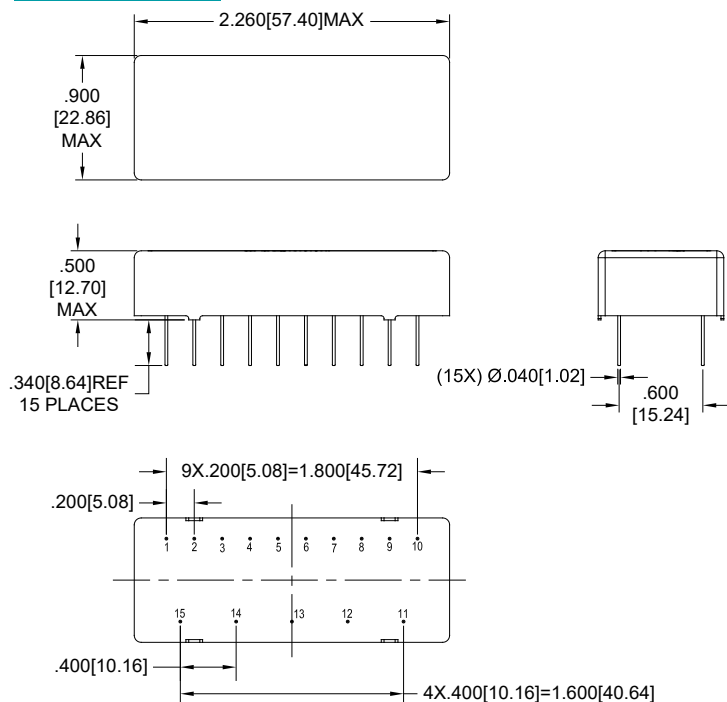
- Ⓡ Operating temperature: -55°C to +125°C
- Ⓡ Storage Temperature: -55°C to +125°C
- Ⓡ Lead Finish: SnPb

Electrical Specifications @ 25°C

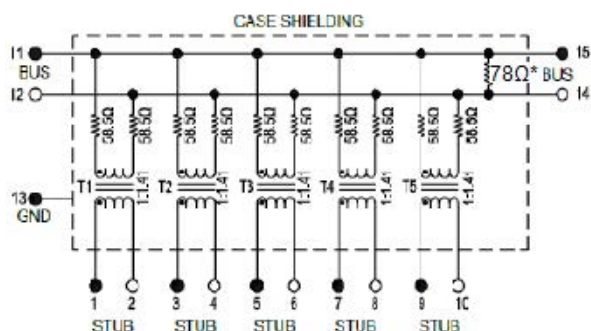
Part Number	Turns Ratio (±3%)	Droop@250kHz	Overshoot and Ringing	Common Mode Rejection@1MHz	Open circuit impedance	Frequency range (no load)
DBP-7400	1:1.41	20% MAX	±1.0V Peak	-45.0dB MIN	3kΩ MIN	75kHz to 1MHz
DBP-7401	1:1.41	20% MAX	±1.0V Peak	-45.0dB MIN	3kΩ MIN	75kHz to 1MHz

Mechanical

DBP-740X



Schematic



* DBP-7400 does not include internal bus termination
DBP-7401 includes internal mil bus termination (78Ω)

Dimensions: inches[mm]
Unless otherwise specified,
all tolerances are ± .010[0.25]
Weight.....TBD
Tray.....TBD

For More Information

Pulse North America Headquarters

311 Sinclair Road
Bristol, PA 19007-6812
U.S.A.

Tel: +1.215. 781. 6400
Fax: +1.215. 781. 6403

For Global Sales Representatives and Locations Visit:
<http://www.pulseruggedized.com>

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