

A

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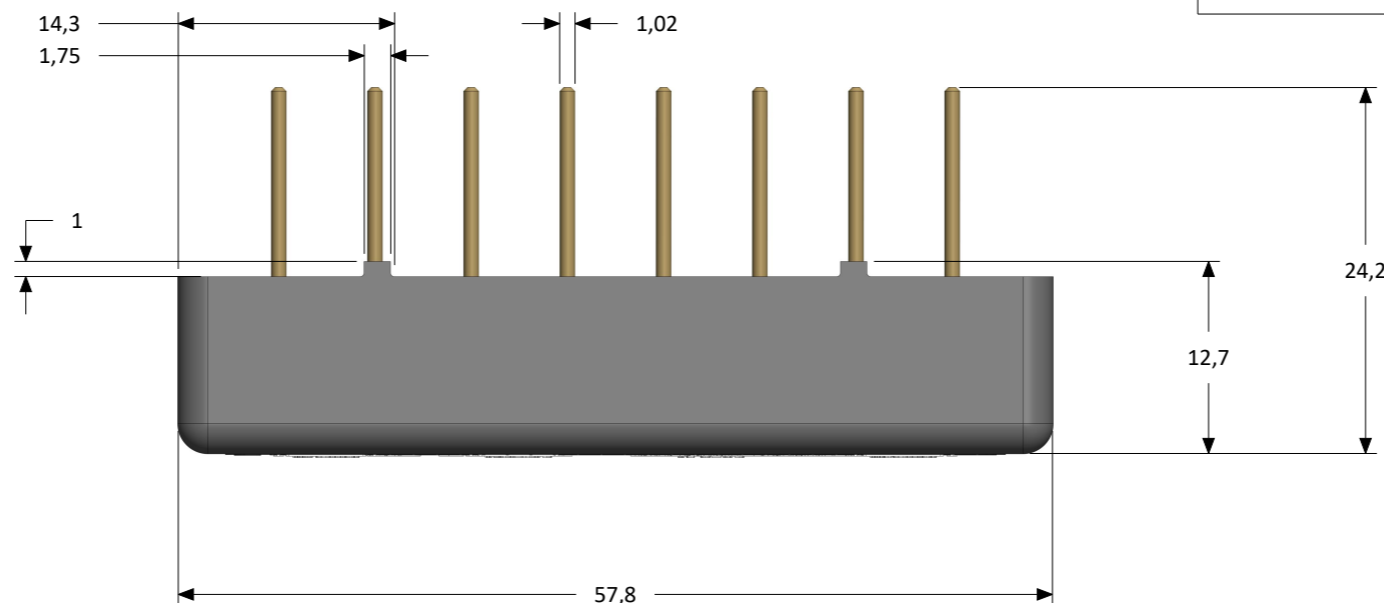
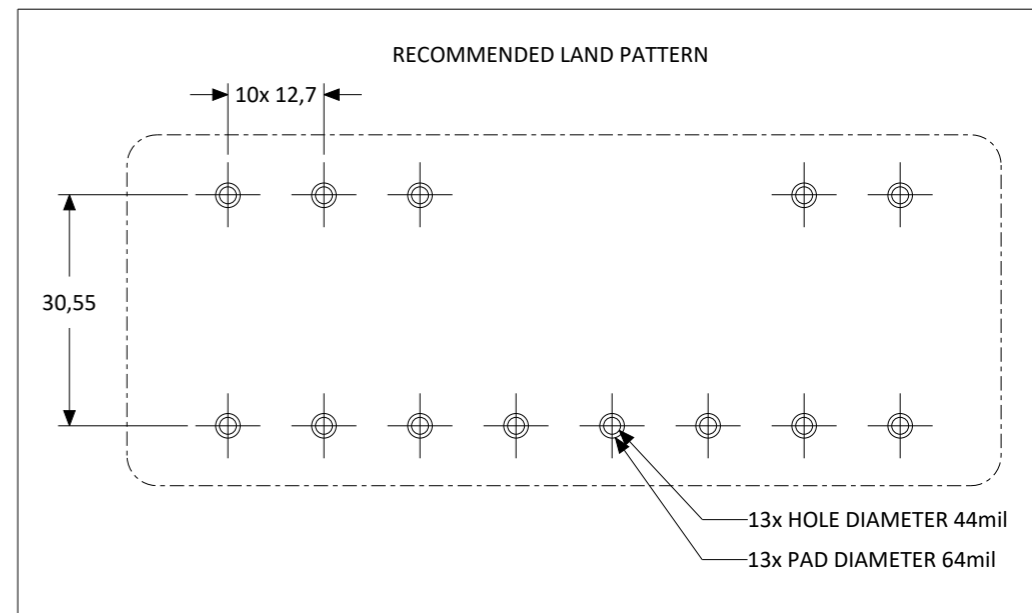
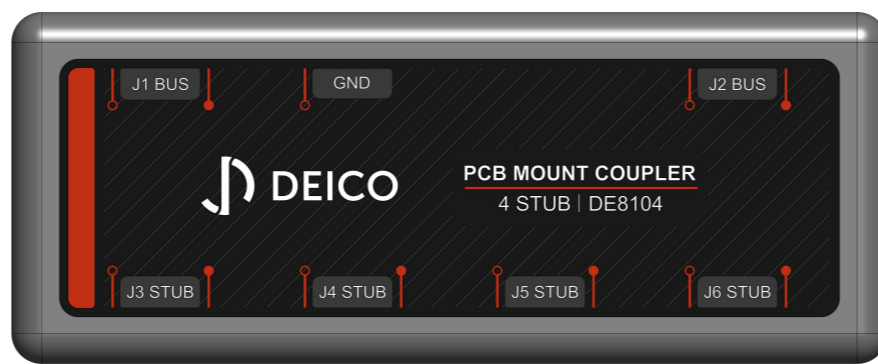
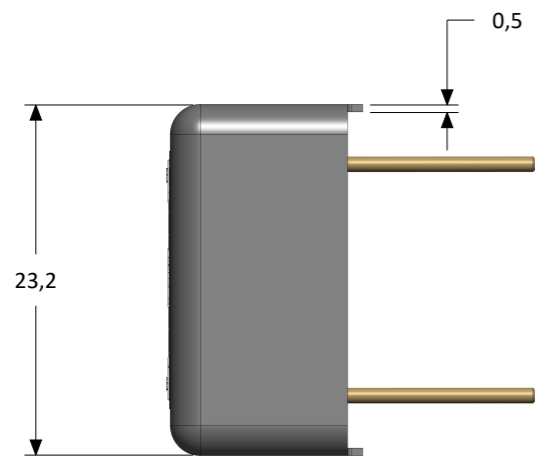
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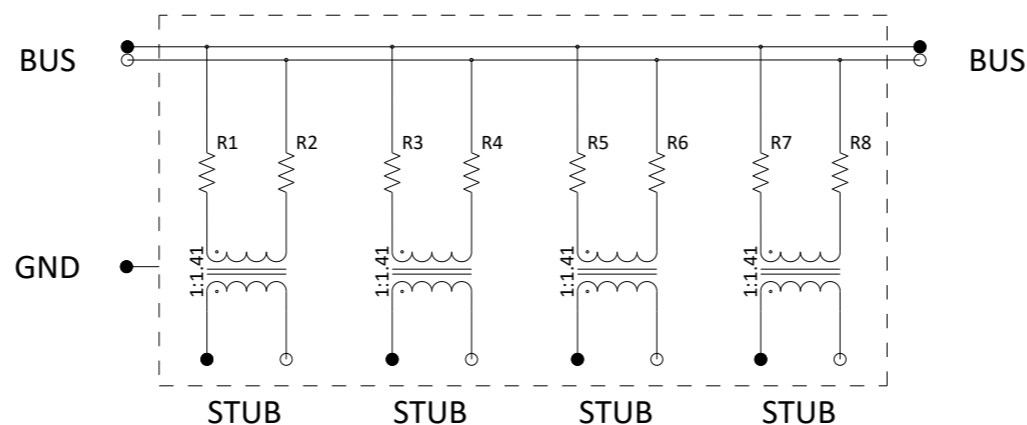
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SCHMATIC DIAGRAM



1.0 ELECTRICAL SPECIFICATIONS: IAW MIL-STD-1553B

- 1.1 COMMON MODE REJECTION: -45.0 Db MAX @ 1.0MHz
- 1.2 DROOP: 20% MAX (250kHz)
- 1.3 OVERSHOOT & RINGING: ± 1.0V PEAK (250kHz SQUARE WAVE WITH 100Ns)
- 1.4 STUB VOLTAGE: 1.0V TO 14.0V P-P; LINE TO LINE; SIGNAL VOLTAGE, TRANSFORMER COUPLING
- 1.5 INPUT IMPEDANCE OF BUS: 3000 OHMS MIN. (75kHz - 1.0MHz), STUB WITH OPEN CIRCUIT
- 1.6 CHARACTERISTIC IMPEDANCE: Zo=78 OHMS
- 1.7 FAULT PROTECTION: 59 OHMS ± 1% 1W (R1-R8) IN SERIES WITH TRANSFORMER WINDING ON BUS SIDE
- 1.8 TERMINATION RESISTOR VALUE: NOT TERMINATED

2.0 MECHANICAL SPECIFICATIONS:

- 2.1 ENCLOSURE MATERIAL: TINPLATE 0.5mm THK.
- 3.0 ENVIRONMENTAL SPECIFICATIONS:**
- 3.1 OPERATING TEMPERATURE RANGE: -55°C TO 125°C
 - 3.2 VIBRATION: MIL-STD-810G_CHG-1 METHOD 514.7 PROCEDURE I
 - 3.3 SHOCK: MIL-STD-810G_CHG-1 METHOD 516.7 PROCEDURE V
 - 3.4 HIGH TEMPERATURE OPERATING: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE II, +125°C
 - 3.5 LOW TEMPERATURE OPERATING: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE II, -55°C
 - 3.6 HIGH TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 501.6 PROCEDURE I, +125°C
 - 3.7 LOW TEMPERATURE STORAGE: MIL-STD-810G_CHG-1 METHOD 502.6 PROCEDURE I, -55°C
 - 3.8 RAIN: MIL-STD-810G METHOD 506.5 PROCEDURE I

! PLACING COMPONENTS UNDER THE PCB MOUNT COUPLER IS NOT RECOMMENDED.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN MILLIMETERS.				
PRODUCT NAME PCB TYPE BUS COUPLER 4 STUB				 www.delco.com.tr
DOCUMENT NAME DE8104 - TECHNICAL DRAWING				
SIZE A3	SCALE 2:1	REVISION 1	REVISION DATE 28.11.2023	SHEET 1/1

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