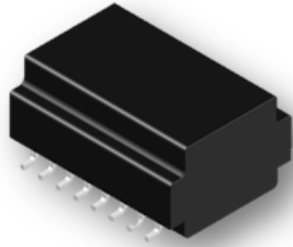




CIBT0811T

Picture



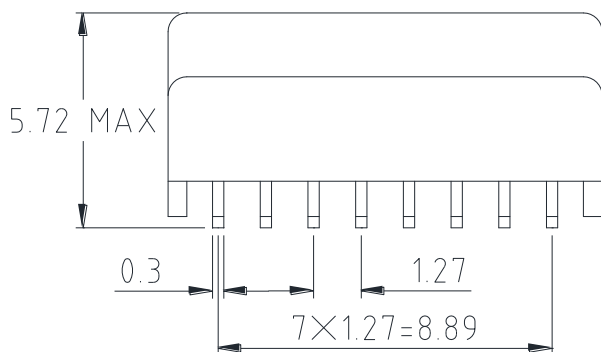
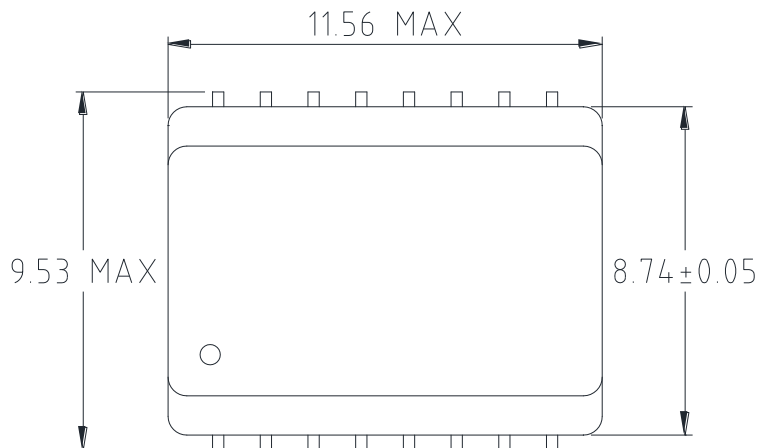
Features

- ▶ Two channel with choke
- ▶ Operating temperature : -40 °c~+125 °c
- ▶ AEC-Q200 compliant
- ▶ RoHS compliant

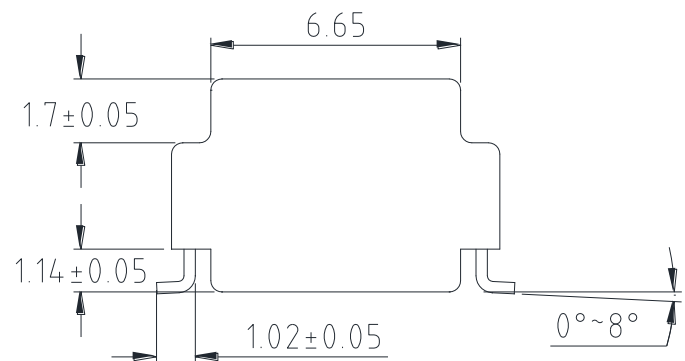
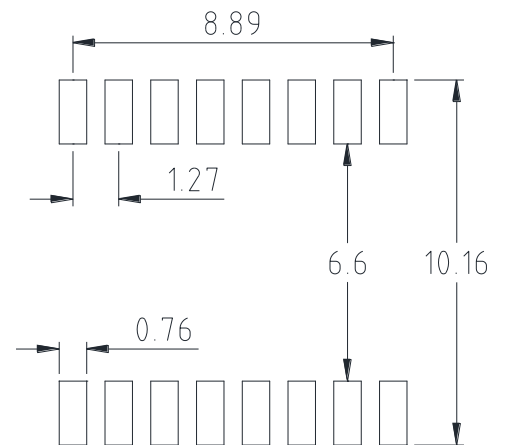
Applications

- ▶ Lithium-ion battery voltage monitoring system for xEV
- ▶ For intelligent Power Module drive power supply of an inverter monitor

Dimension (Unit:mm)

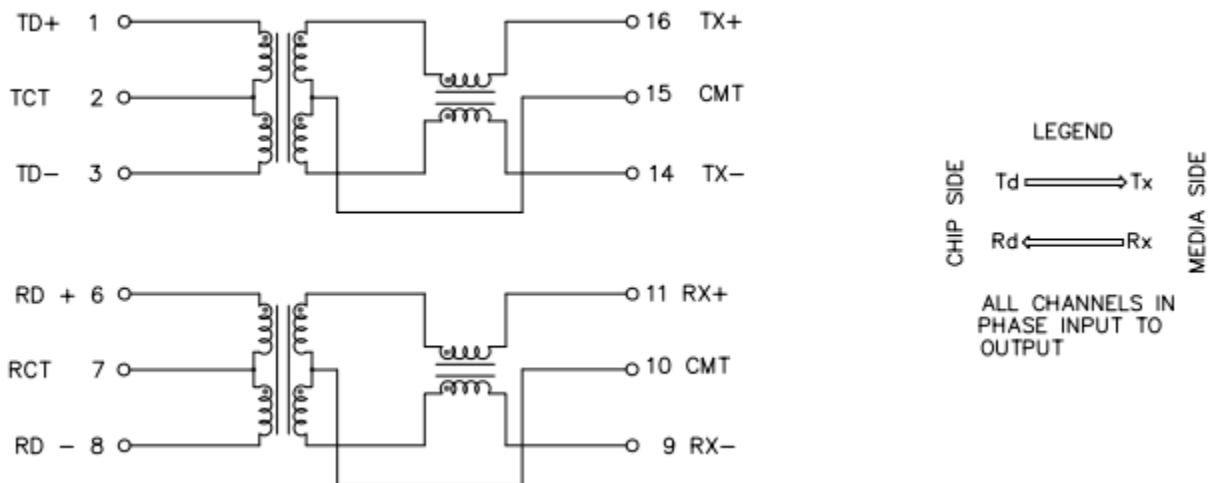


Recommended Pattern



- You can also contact us by e-mail : coilmaster@coilmaster.com
- All specifications are subject to change without notice.
- Update date : 2018.12.31

Schematic Diagram



Specifications

LIST	SPEC SHEET	
Turns Ratio	1:1 ±2%	
Inductance (OCL)	AT 100 kHz, 100Mvrms 650 μH MIN (@25 °c) 500 μH MIN (@-40 °c ~+125°c)	
INSERTION LOSS	1~80 MHz	125 MHz
	-1.0 dB MAX	-3.0 dB MAX
RETURN LOSS Z _{out} = 100 ohms	5 MHz	30~80 MHz
	-25 dB MIN	-16 +20LOG ₁₀ (f/30 MHz) dB MIN
CROSSTALK (TX-RX)	1 MHz	5~100 MHz
	-62 dB MIN	-45 +21LOG ₁₀ (f/30 MHz) dB MIN
DIFFERENTIAL TO COMMON MODE REJECTION	5~200 MHz	
	-50 +17LOG ₁₀ (f/5 MHz) dB MIN	
INPUT-OUTPUT ISOLATION	2500 VRMS MINIMUM FOR 60 SECONDS	
WORKING VOLTAGE	600 VDC FOR 15 YEARS	

- NOTE : "f " IS FREQUENCY IN MHz

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