

10 BASE-TX TRANSFORMER MODULES

Part NO:H80608S



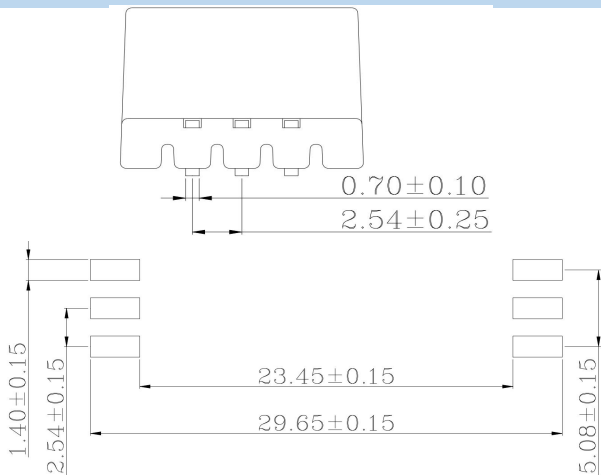
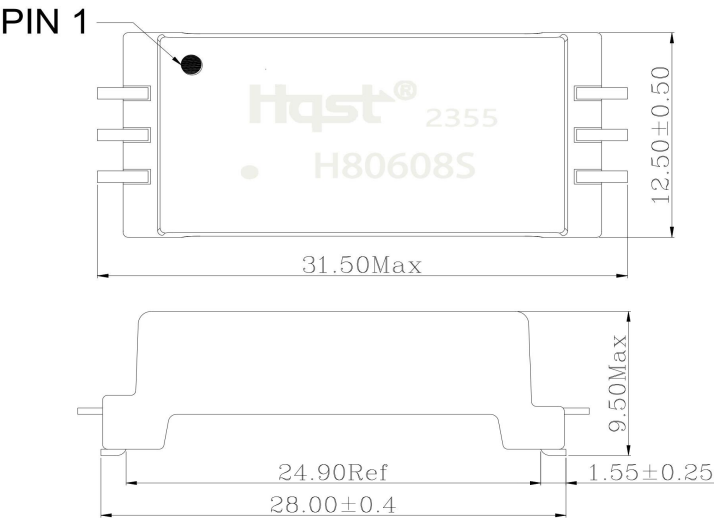
Features:

- Comply with RoHS requirements.
- Compliant to J-STD-020: level 1, no moisture sensitive. (Tp: 250°C Max.)
- Operating temperature range: -40°C to +125°C.
- Storage temperature range: -50°C to +125°C.
- Product scrap disposal based on the local laws and regulations.

Specifications

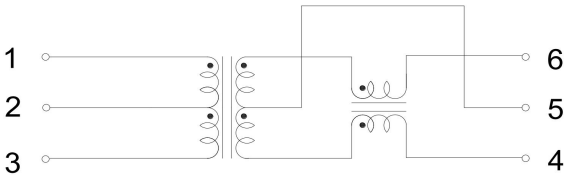
Electrical Specifications @ 25°C	
OCL:	150uH Min, 450uH Max . @100KHz/0.1V(-40°C to +125°C)
Leakage Inductance:	0.5uH Max . @100KHz/0.1V
Turns Ratio:	1:1±2%
DCR:	0.45ohm Max . @Transformer side
	0.80 ohm Max . @CM choke side
Insertion Loss:	-1.2dB Max . @4MHz
Return Loss:	-6dB Min @4MHz (Z out = 100Ω)
CMRR:	-50dB Typ @1 -100MHz
Hi-Pot:	6000VDC or 4500VAC, 1mA , 60S
Design Construction:	Reinforced insulation per IEC62477 -1, IEC60664 -1, IEC62368 -1;
	Working voltage up to 1500VDC; Creepage distance >15mm , Clearance distance >14mm .
	Pollution Degree II , Material group CTI I ; Overvoltage Category III , up to 2kV or
	4km (IEC60664) above sea level.

Mechanical:



SUGGESTED PAD LAYOUT

Schematic



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