

Feature

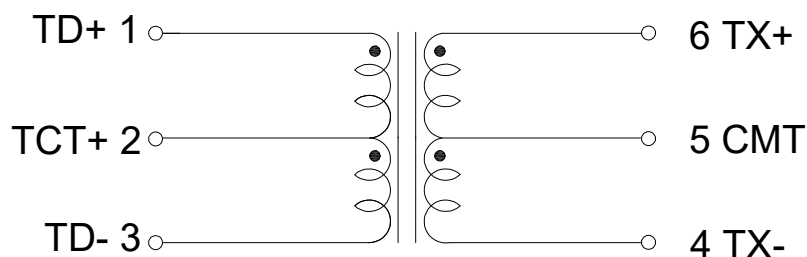
- Comply with RoHS requirements
- Compliance to J-STD
 - 1.J-STD-002:Solderability at 245°C reflow profile
 - 2.J-STD-020:Level 1, No moisture sensitive
 - 3.J-STD-075:R7, 245°C Maximun through reflow solder
- Coplanarity:0.1[.004]Max
- Isolation Category: Basic
- Working Voltage: 1000VDC
- Creepage Distance: 10 mm Min
- Clearance Distance: 7 mm Min
- Operating temperature range:-40°C to +125°C.
- Storage Temperature range: -50°C to +125°C.

Electrical Specifications @ 25°C

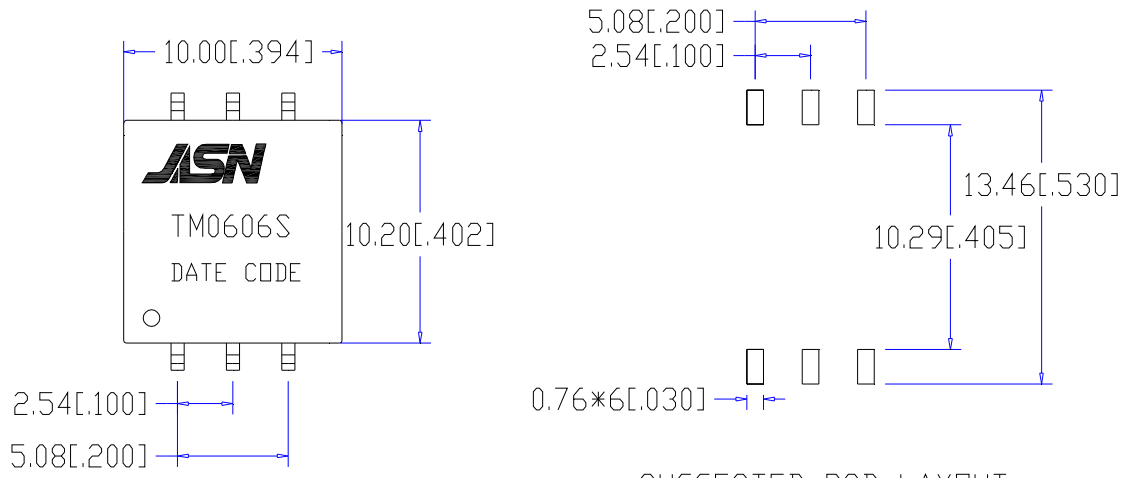
PAPAMETER	SPECIFICATIONS		
POLARITY	PER SCHEMATIC		
INPUT-OUTPUT ISOLATION	4300VDC FOR 60 SECONDS		
INDUCTANCE (OCL) 100KHZ 100 mV -40°C to +125°C	150 uH min,370uH Max		
INSERTION LOSS	1-60MHZ	80MHZ	125MHZ
	-1.0dB MAX	-1.25dB TYP	-3.0dB MAX
RETURN LOSS ZOUT=100 OHMS	4MHZ	30-80MHZ	
	-16dB MIN	-14+20LOG10(F/30MHZ) dB MIN	
TURNS RATIO 6-4:1-3	1:1 ±2%		

NOTE:F is frequency in MHZ

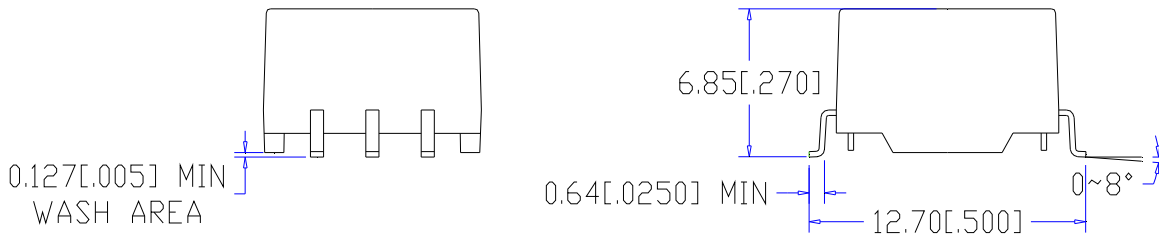
Schematic



Mechanical



SUGGESTED PCB LAYOUT



Unit: mm (inch)

Unless otherwise specified, all tolerances are ± 0.25