

NOTES: UNLESS OTHERWISE SPECIFIED

1.

NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

2.

PLASTIC: THERMOSET PLASTIC MATERIAL WITH FLAMMABILITY RATING UL 94V-0 OR BETTER.

3.

SOLDERABILITY: CONFORMS TO ANSI/J-STD-002, 245°C REFLOW PEAK TEMPERATURE PER IPC/EIA J-STD-003A

4.

OPERATING TEMPERATURE: 0°C TO +70°C

5.

STORAGE TEMPERATURE: -40°C TO +125°C

6.

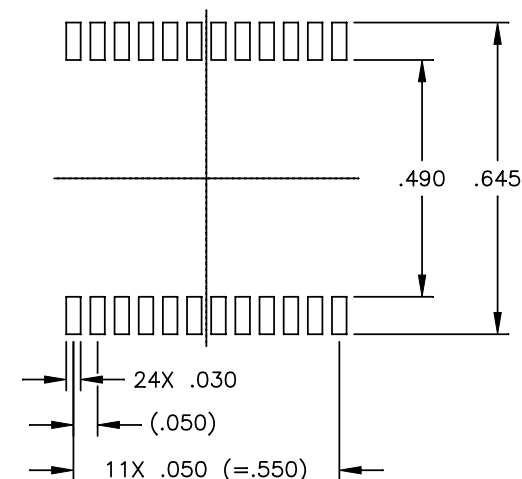
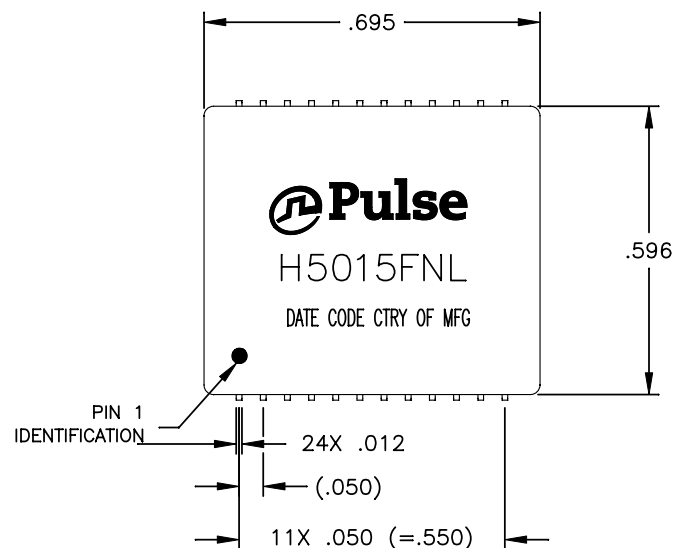
JEDEC MOISTURE: LEVEL 1.

7.

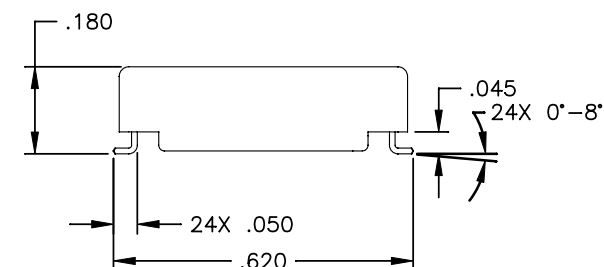
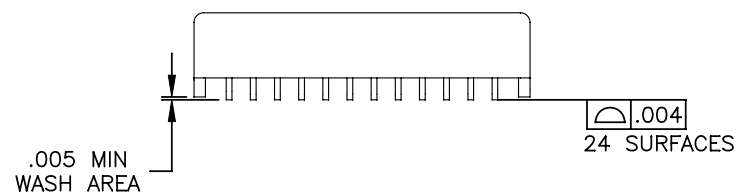
DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
 .XX= ±.02
 .XXX= ±.010

8.

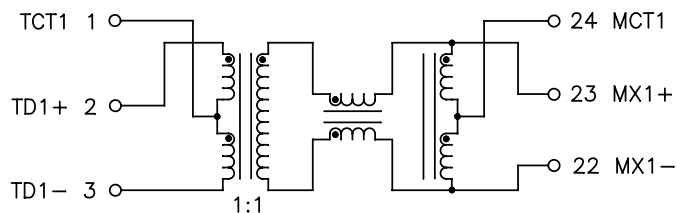
REVISION: MP1,MP2, ARE PRELIMINARY.



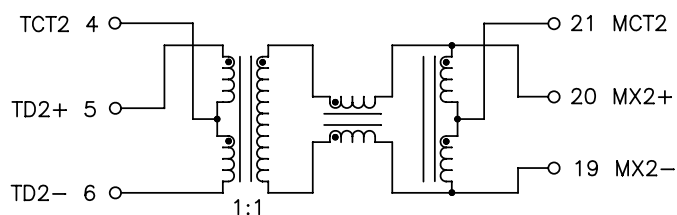
SUGGESTED LAND PATTERN



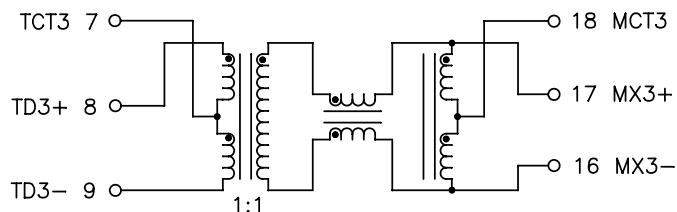
CHANNEL 1



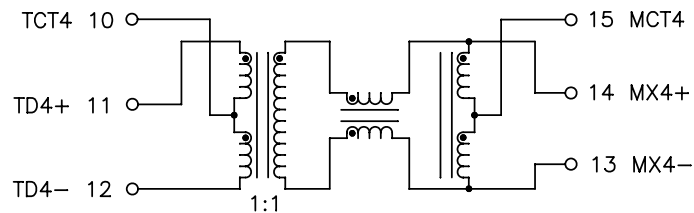
CHANNEL 2



CHANNEL 3

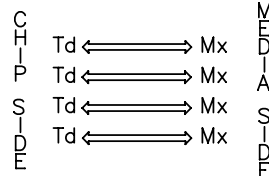


CHANNEL 4



SCHEMATIC

LEGEND



ALL CHANNELS ARE
IN PHASE BETWEEN
INPUT AND OUTPUT

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS		
OPERATING TEMP	0°C – 70 °C		
URNS RATIO	1.00 ± 2%		
POLARITY	PER SCHEMATIC		
OCL, TRANSMIT CHANNEL	350 uH MIN. WITH 8 mA DC BIAS, –0 TO 70 °C		
INSERTION LOSS	100 KHz	1–100 MHz	125 MHz
	–1.2 dB MAX	–1.0 dB MAX	–3.0 dB MAX
RETURN LOSS (Z OUT = 100 OHM ±15%)	1–40 MHz	40–100 MHz	
	–16 dB MIN	–10+20*LOG ₁₀ (f/80) dB MIN	
CROSSTALK (TX–RX)	1 MHz	30–100 MHz	
	–50 dB MIN	–55+24*LOG ₁₀ (f/10) dB MIN	
DIFFERENTIAL TO COMMON MODE REJECTION	2 MHz	30–100 MHz	
	–50 dB MIN	–43+22*LOG ₁₀ (f/30) dB MIN	
INPUT – OUTPUT ISOLATION	1500 VRMS MIN		

NOTE: f IS FREQUENCY IN MHZ.