
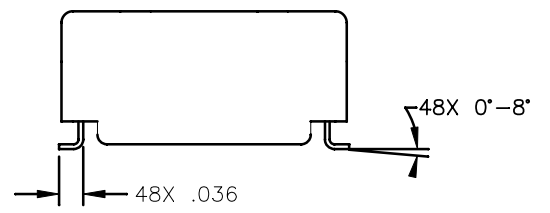
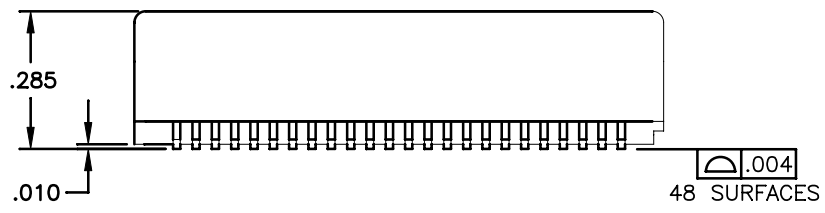
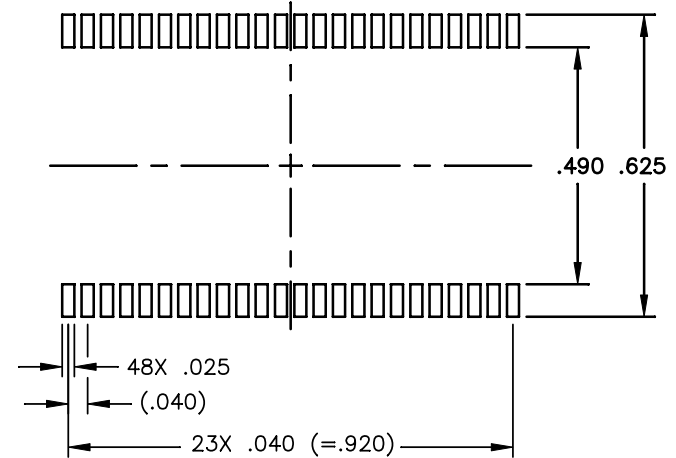
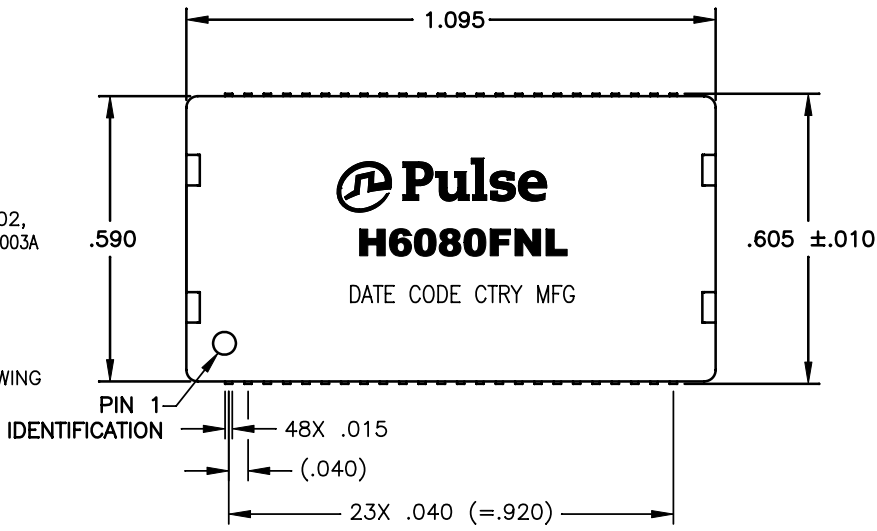


NOTES: UNLESS OTHERWISE SPECIFIED

1.

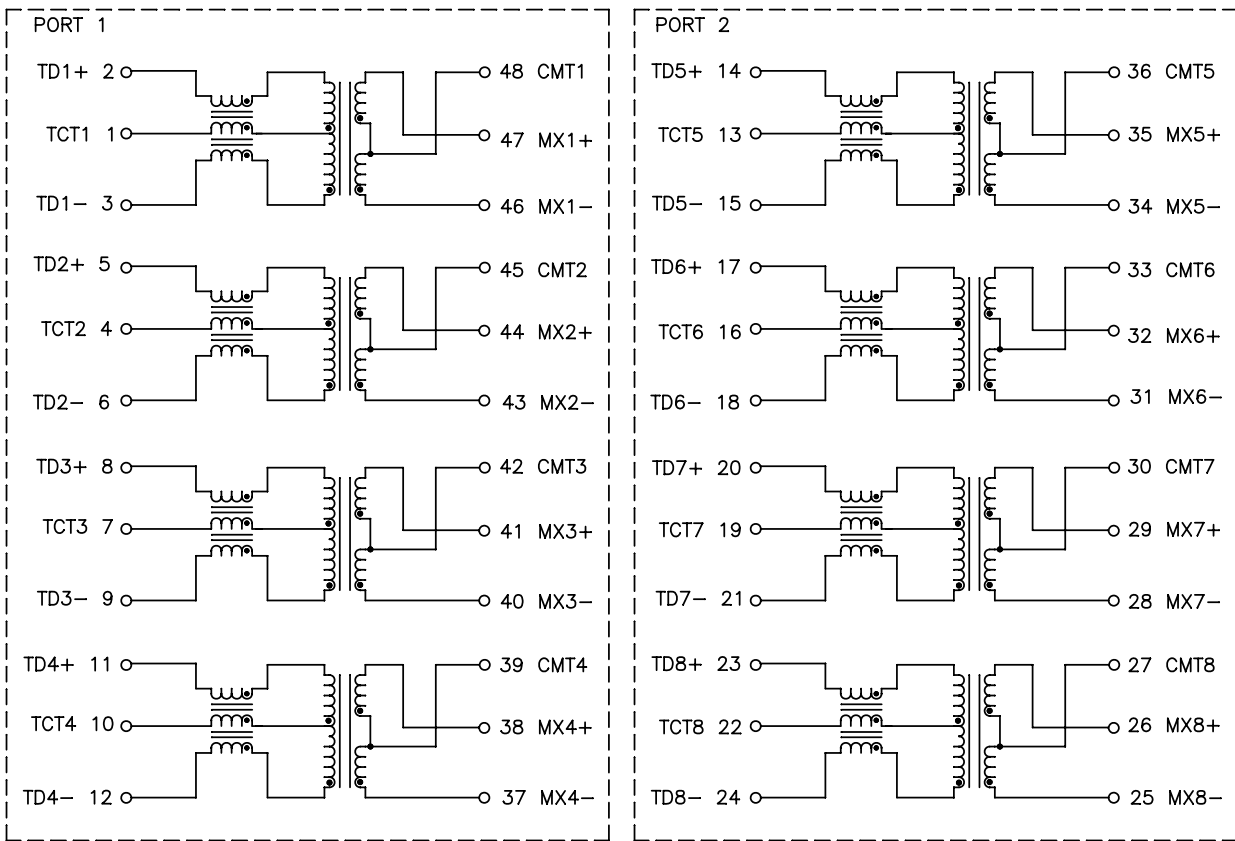
NOTICE:	THIS IS A RoHS COMPLIANT COMPONENT/PRODUCT. ALL ENGINEERING CHANGES MUST HAVE PRIOR APPROVAL BY THE DESIGN CENTER.
RoHS	

- 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: -20°C TO +125°C
- 6. JEDEC MOISTURE: LEVEL 1.
- 7. DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES:
.XX= ±.02
.XXX= ±.010
- 8. REVISION: MX1, MX2, ARE PRELIMINARY.



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PULSE CONFIDENTIAL & PROPRIETARY	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
	MDL,DUAL,1GP,1:1,SM,TU	PS-2747.001-A	1	H6080FNL	MP1

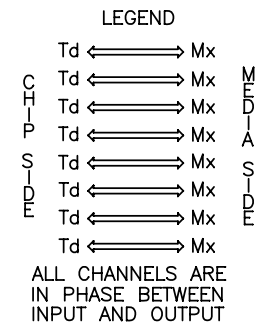


SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	0°C - 70 °C	
TURNS RATIO	1 : 1 ±3%	
POLARITY	PER SCHEMATIC	
INSERTION LOSS	100 KHz	1-125 MHz
	-1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX
RETURN LOSS (Z OUT = 100 OHM±15%)	.1-40 MHz	40-100 MHz
	-16 dB MIN	-10+20*LOG ₁₀ (f/80 MHz) dB MIN
INDUCTANCE (OCL) (MEDIA SIDE, 0°C-70°C)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)
	1 MHz	10-100 MHz
CROSSTALK, ADJACENT CHANNELS	-50 dB MIN	-50+22*LOG ₁₀ (f/10) dB MIN
	2 MHz	30-200 MHz
COMMON MODE REJECTION RATIO	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
	2 MHz	30-200 MHz
DIFFERENTIAL TO COMMON MODE REJECTION	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN
DC RESISTANCE 1/2 WINDING	.65 OHMS MAX	
DC RESISTANCE IMBALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)	
INPUT - OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS	

NOTE: f IS FREQUENCY IN MHZ.



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	MDL,DUAL,1GP,1:1,SM,TU	PS-2747.001-A	2	H6080FNL	MP1