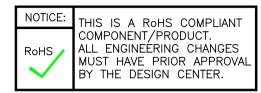
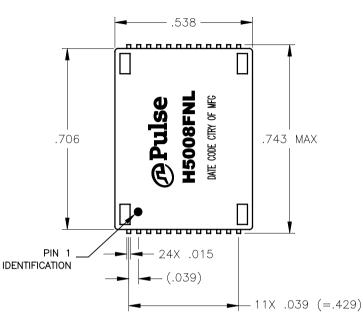


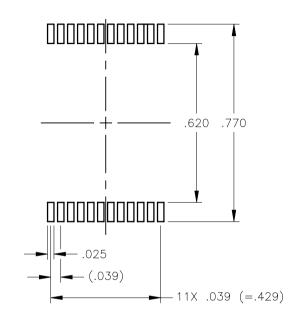
NOTES: UNLESS OTHERWISE SPECIFIED

1.



- 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.
- DIMENSIONS ARE IN INCHES WITH THE FOLLOWING TOLERANCES: .XX= ±.02 .XXX= ±.010
- 8. REVISION: MX1,MX2, ARE PRELIMINARY.





SUGGESTED LAND PATTERN

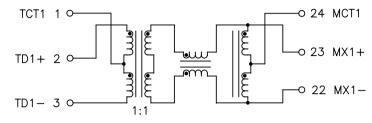


© Copyright, 2013. Pulse Electronics Corp. All rights reserved. Drawing specifications subject to change without notice. (08/08/13)

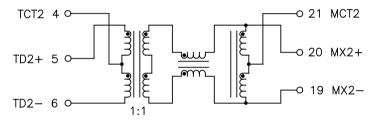
PULSE CONFIDENTIAL	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
PROPRIETARY	MDL,SIN,1GD,1:1,SMT	PS-2748.001-A	1	H5008FNL	MP1



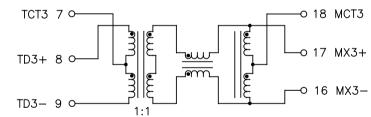
CHANNEL 1



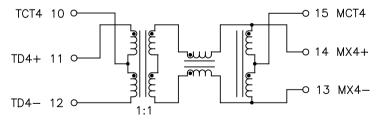
CHANNEL 2



CHANNEL 3



CHANNEL 4



SCHEMATIC

ELECTRICAL CHARACTERISTICS AT +25°C

PARAMETER	SPECIFICATIONS				
OPERATING TEMP	0°C – 70°C				
TURNS RATIO	1.00 ± 2%				
POLARITY	PER SCHEMATIC				
	100 KHz	1-125 MHz			
INSERTION LOSS	—1.2 dB MAX	-0.2-0.002*f ^{1.4} dB MAX			
RETURN LOSS	.1-40 MHz	40-100 MHz			
$(Z \text{ OUT} = 100 \text{ OHM } \pm 15\%)$	-16 dB MIN	-10+20*LOG ₁₀ (f/80 MHz) dB MIN			
INDUCTANCE (OCL) (MEDIA SIDE, 0-70°C)	350 uH MIN (MEASURED AT 100 KHz, 100 mVRMS)				
	1 MHz	10-100 MHz			
CROSSTALK, ADJACENT CHANNELS	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MIN			
COMMON MODE	2 MHz	30-200 MHz			
REJECTION RATIO	-50 dB MIN	-15+20*LOG ₁₀ (f/200) dB MIN			
DC RESISTANCE, 1/2 WINDING	.65 OHMS MAX				
DC RESISTANCE BALANCE	±.065 OHMS MAX (CENTER TAP SYMMETRY)				
INPUT – OUTPUT ISOLATION	1500 VRMS MIN @ 60 SECONDS				

NOTE: f IS FREQUENCY IN MHz.

@ Copyright, 2013. Pulse Electron	s Corp. All rights reserved	Drawing specifications subject	to change without notice. (08/08/13)
-----------------------------------	-----------------------------	--------------------------------	--------------------------------------

PULSE CONFIDENTIAL	PRODUCT DESCRIPTION	PS DRAWING	SHEET:	DWG. NO./ PART NO.	REV.
PROPRIETARY	MDL,SIN,1GD,1:1,SMT	PS-2748.001-A	2	H5008FNL	MP1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pulse: H5008FNL