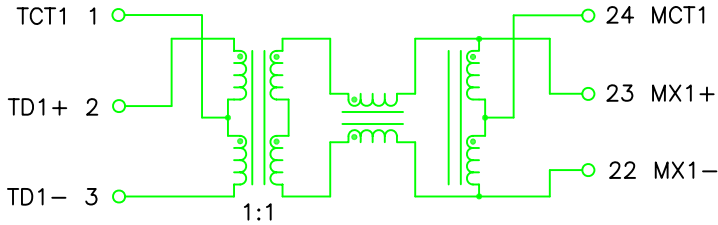


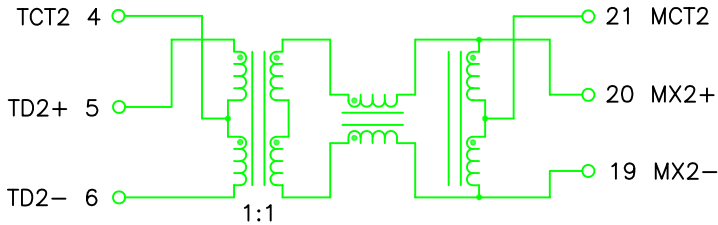
HX5007

NOTICE: THE INFORMATION AND DESIGN CONTAINED HEREIN IS THE PROPERTY OF PULSE WHO RESERVES ALL RIGHTS THERETO.

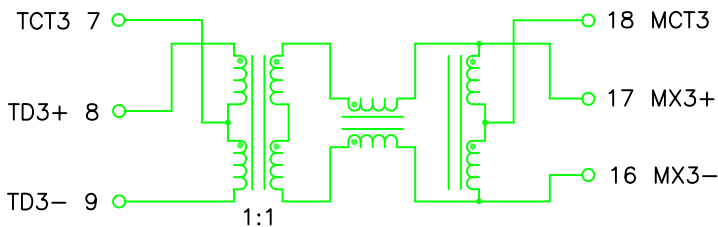
CHANNEL 1



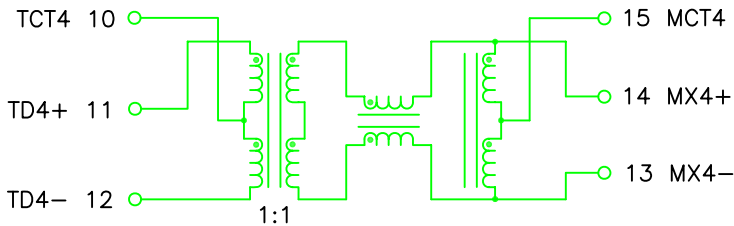
CHANNEL 2



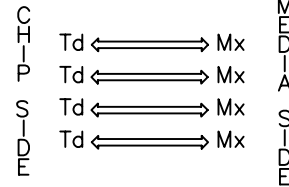
CHANNEL 3



CHANNEL 4

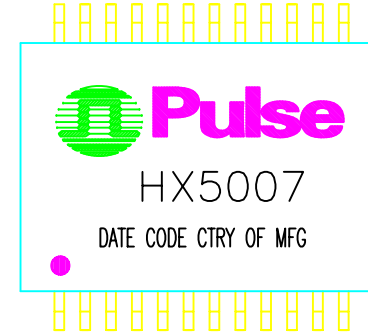


LEGEND



ALL CHANNELS ARE IN PHASE BETWEEN INPUT AND OUTPUT

FINAL OUTLINE NOTE:
CHECK DIMENSIONS PER PACKAGE SPECIFICATION ITEM 24.



ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
(FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.)

PARAMETER	SPECIFICATIONS	
	100 KHz	1-125 MHz
INSERTION LOSS	-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)	350 uH MIN	(MEASURED AT 100 KHz, 100 mVRMS AND WITH 8 mA DC BIAS)
CROSSTALK, ADJACENT CHANNELS	1 MHz	10-100 MHz
	-50 dB MIN	-55+22*LOG ₁₀ (f/10) dB MIN
COMMON MODE REJECTION RATIO	2 MHz	30-200 MHz
	-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.

UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

DECIMALS ANGLES
.XX ±.01 ± 1°
.XXX ±.005

DO NOT SCALE DRAWING

SIZE	CAGE CODE	DWG. NO.	REV.
B01961		HX5007	10
SCALE	CADD FILE	SHEET	
NONE	HX5007-12	12 OF 12	

Mouser Electronics

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