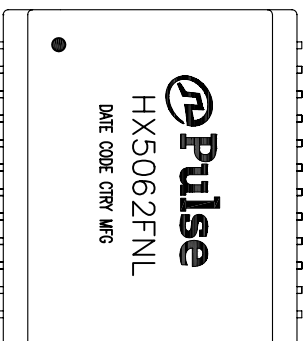




THE DATASHEET OF HX5062FNLT



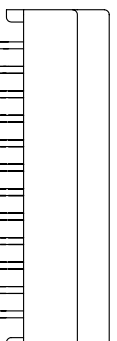
) WITH FLAMMABILITY
) +125°C



ITY AT 245°C REFLOW PROFILE

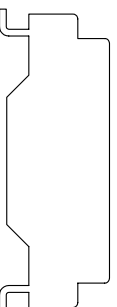
MOISTURE SENSITIVE

MAXIMUM THROUGH REFLOW SOLDER



NG ADD A "T" SUFFIX

FNL BECOMES HX5062FNLT).



FINAL OUTLINE

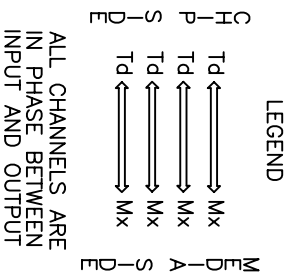
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TLA DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
HX5062FNL-10	PS-2597.001-C	1 OF 3	HX5062FNL	A

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHER SPECIFIED
MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS	
OPERATING TEMP	-40°C ~ +85°C	
TURNS RATIO	1 : 1 ±2%	
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	.1-40 MHZ	40-100 MHZ
	-16 DB MIN	-10+20*LOG ₁₀ (f/80 MHZ) DB MIN
INDUCTANCE (OCL) (MEDIA SIDE, -40°C~85°C)	350 UH MIN	(MEASURED AT 100 KHZ, 100 mV(RMS) (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.





- 24 MCT1
- 23 MX1+
- 22 MX1-
- 21 MCT2
- 20 MX2+
- 19 MX2-
- 18 MCT3
- 17 MX3+
- 16 MX3-
- 15 MCT4
- 14 MX4+
- 13 MX4-

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TITLE DRAWING	PS DRAWING	SHEET	PART NO.	DATASHEET REV.
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