



NO: RD-HD-SD024

DATE: 2005/08/23 I (REV:A1)

# 10/100 PC CARD LAN MAGNETICS SOLUTIONS

## MODEL NO.: HD-024

### FEATURE:

RoHS Compliant

DESIGNED TO MEET IR REQUIREMENT

SPECIFICATIONS: AT 25

ENVIRONMENTAL: At 260 IN 1 MINUTE

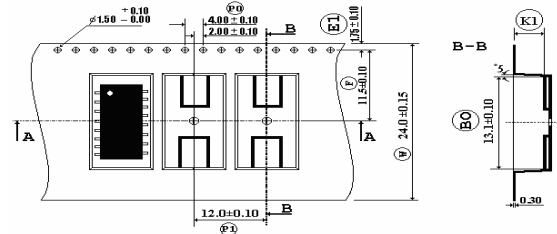
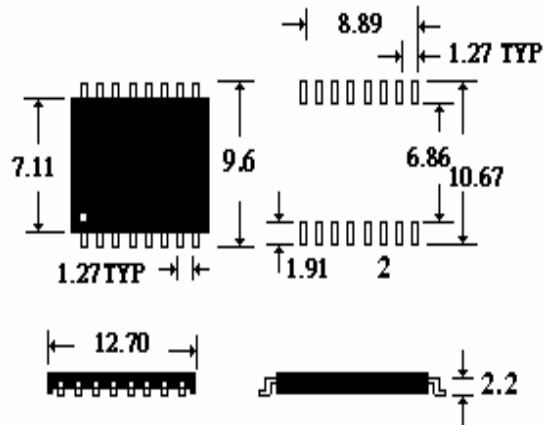
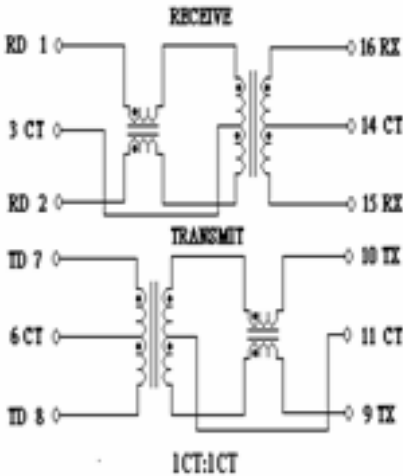
Operating temp : -40 to +85

OCL : 350uH MIN 100KHz, 100mV 8mA VDC

Part Number	Transformer Turns ratio (±5 %)		Insertion Loss 100KHz-100MHz (dB MIN)	Return loss (dB MAX)				Cross talk (dB MAX)			Common Mode Rejection (dB MAX) 100kHz~100MHz	Hi pot
	Transmit	Receive		1-30MHz	40MHz	50MHz	60-80MHz	30MHz	62MHz	100MHz		
HD-024	1:1	1:1	-0.9	-18	-15.5	-13.5	-12.0	-50	-45	-40	-40	1500

### SCHEMATICS:

### DIMENSIONS: mm TOLERANCE: ±0.25



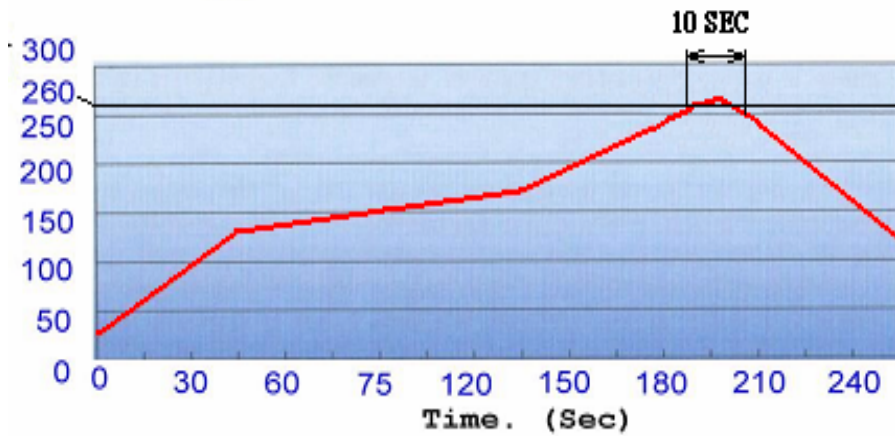
DIMENSION	W	A0	B0	KD	K1	E	F
SPEC	24.0	9.8	13.1	2.6	2.30	1.75	11.5
	+/- 0.15	0.1	0.1	0.1	0.1	0.1	0.1
DIMENSION	P	P0	P2	D	D1	T	
SPEC	12.0	4.0	2.0	1.5	0.0	0.30	
	+/- 0.1	0.1	0.1	(MIN)	(MIN)	0.05	

Tape & reel ----- 2000 /reel



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### Profile of IR Reflow (Lead Free)



PACKING	
1.	Tape & Reel: 2000 pcs / Reel, 10000 pcs / Carton
2.	Dry Pack: 1 pc. Product Description: 5g Silica Gel Desiccant PH: 4-8 Package Materials: Paper (Length 6.5±1cm, Width 5±1cm)
3.	Reel: Vacuum Packed
4.	Seal as per JEDEC

