



NO:RD-HD-SD050

DATE: 2005/09/20 I (REV:A3)

10/100/1000 PC CARD LAN MAGNETICS SOLUTIONS

MODEL NO.: HD-050

FEATURE:

RoHS Compliant

RoHS peak solder rating 260

Designed to meet IR requirement

SPECIFICATIONS: AT 25

Operating temp : -40 to +85

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

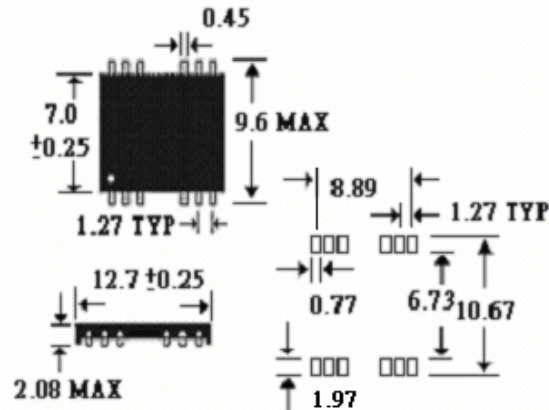
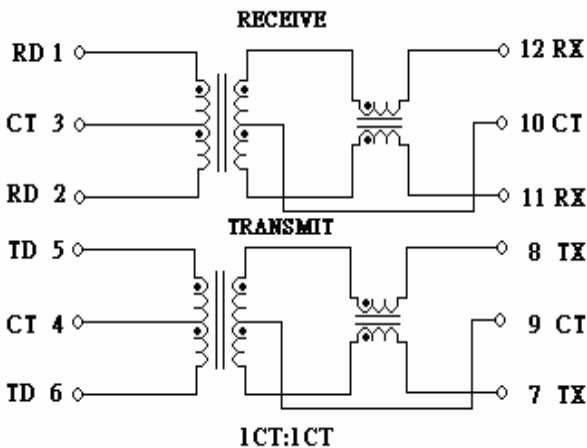
DCR : 0.65 O MAX.

HIPOT(VAC) : 1500

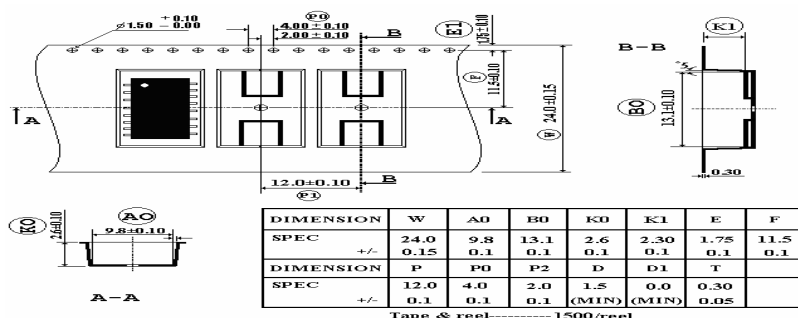
Part Number	Turns Ratio (±5%)	Insertion Loss (dB MIN)	Return Loss (dB MIN)			Common Mode Rejection Ratio (dB MIN.)		Cross Talk (dB MIN)
HD-050	TX/RX	0.1~125 MHz	1~40 MHz	40~100 MHz	2 MHz	30~200 MHz	1 MHz	10~100 MHz
	1CT:1CT	-1.1	-16	$-10+20*\log_{10}(f/80\text{MHz})$	-42	$-15+20*\log_{10}(f/200\text{MHz})$	-50	$-50+22*\log_{10}(f/10\text{MHz})$

SCHEMATIC:

DIMENSION: mm TOLERANCE: (±0.127)

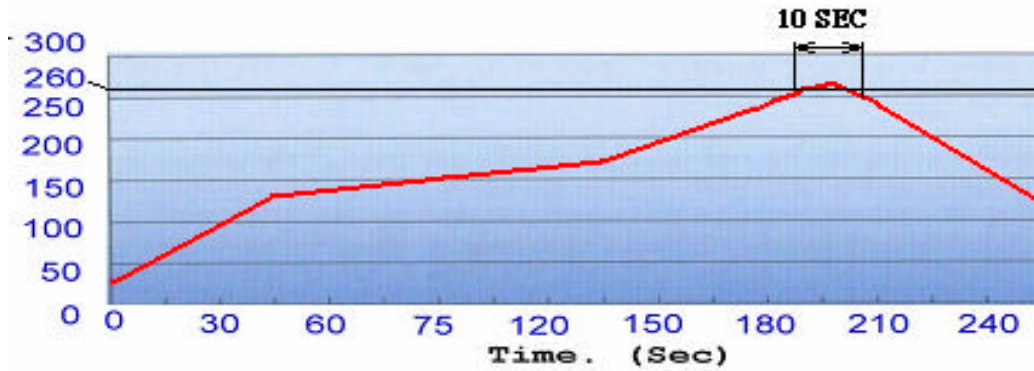


Packing :



MODEL NO.: HD-050

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 |

