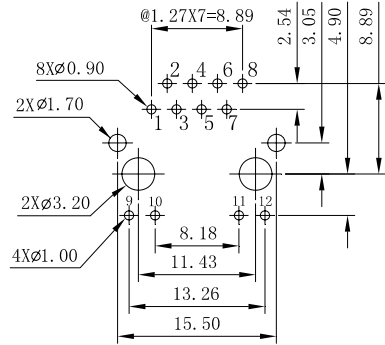
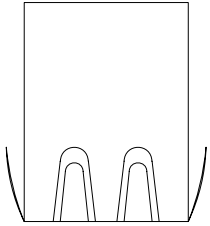
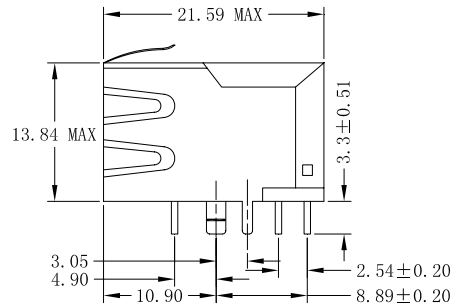
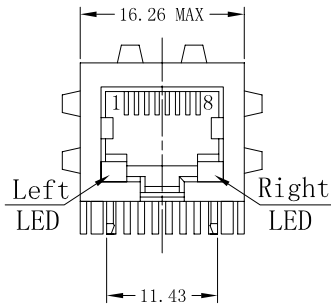


Mechanicals Dimensions

REV.	DESCRIPTION	DATE	DWN	AP'PD



PC Board Layout
Component Side Shown



UNIT: mm Unless otherwise specified, all tolerances are ±0.25

ELECTRICAL SPECIFICATIONS@25°C:

Turn Ratio(±5%):TX&RX=1CT:1CT

Inductance(100KHz/0.1V@8mA):350uH MIN

Insertion Loss (dB MAX):-1.0dB(0.3-100MHz)

Return Loss (dB MIN):

-18dB(1-30MHz), -16dB(40MHz), -12dB(50MHz), -10dB(60-80MHz)

Cross talk(dB MIN):

-40dB(30MHz), -35dB(60MHz), -30dB(100MHz)

CMR (dB MIN):

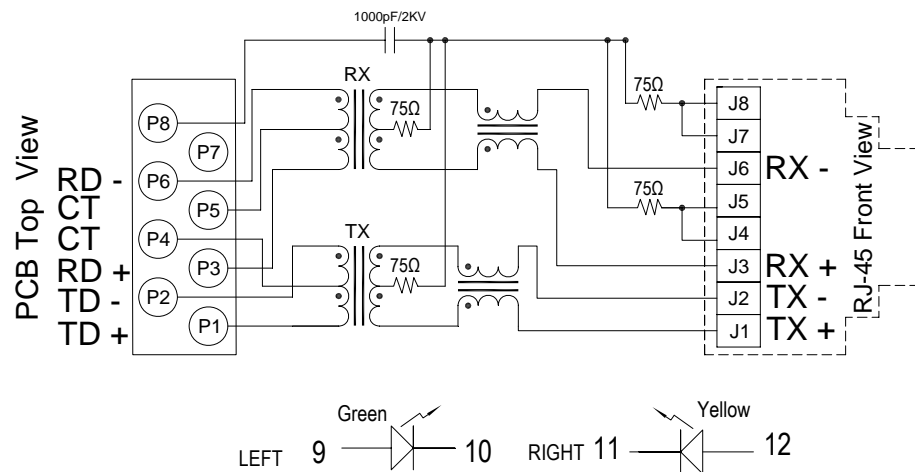
-30dB(30MHz), -20dB(60MHz), -20dB(100MHz)

HI-POT:1500Vrms/0.5mA/2Sec

Operating Temperature:-40°C TO +85°C


RoHS compliance: YES

Schematics



Ref:BOM-AE45



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TITLE	10/100 BASE-T SINGLE PORT RJ-45 JACK MAGNETICS		
P/N	13F-64GYD2PLXNL	REV.	0
PAGE NO	1-2	DATE	2008-7-30
AP'PD	Li YueSheng	DWN	Chen JiaPei

Mechanicals

Housing Material:

MATERIAL:NYLON GF (Fr50) UL94V-0 STANDARD COLOR:BLACK

Insert Material:

MATERIAL:Phos-Bronze C5210 EH---0.35mm Thickness

Insert -PBT GF UL94V-0

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn
- 3.PLATING(3) GOLD (3u " ~50u ")

Plate Material:

PBT GF UL 94V-0

Contact pin Material:

MATERIAL: Phos-Bronze C5210 EH---0.35mm Thickness

- 1.PLATING(1) NICKEL
- 2.PLATING(2) 100%Sn

Shielding Material:

BRASS C2680 H.---0.25mm THICKNESS PLATING NICKEL

Operating Life:750 Cycles MIN.

Environmental

- 1.Storage Temp:-40°C TO +85°C.
- 2.Operating Temp:-40°C TO +85°C.
- 3.Wave Soldering Temperature:230~250°C (3~5 SECONDS)
4. MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,SUBPART F.

Part Number

13F-64GYD2PLXNL

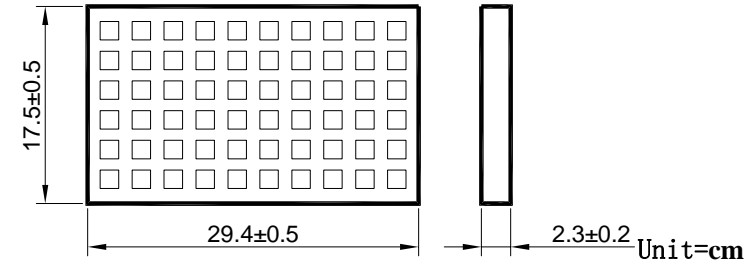
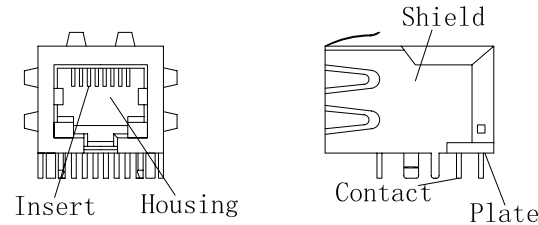
RoHS version
Gold Plating:1=3u",2=6u",3=15u",4=30u",5=50u",



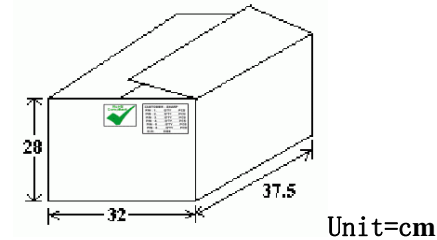
REV.	DESCRIPTION	DATE	DWN	AP'PD


Packaging

1. packaging unit : 60 PCS/tray
2. packaging material : PET



3. outer carton unit: 1320 pcs/ 22 Trays/box



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P/N	13F-64GYD2PLXNL	REV.	0
PAGE NO	2-2	DATE	2008-7-30
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