

Housing Material: Polyester, Black UL94V-0
 Contacts: Phosphor Bronze 30µin Au plating over Ni
 Leads: Matte Sn over Ni
 Shield: Cu Alloy with Ni plating 40µin min
 Durability: 1000 mating cycles
 Dimensions: Inch [mm]
 Tolerances: ±0.008 inch if not specified



PART NO. : HFJ11-2450ERL

FASTJACK™ WITH IEEE802.3u COMPLIANT MAGNETICS

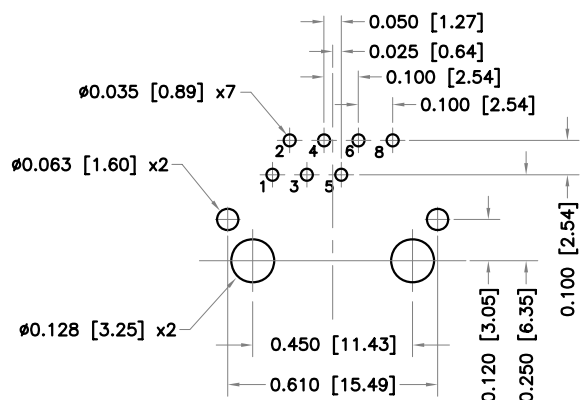
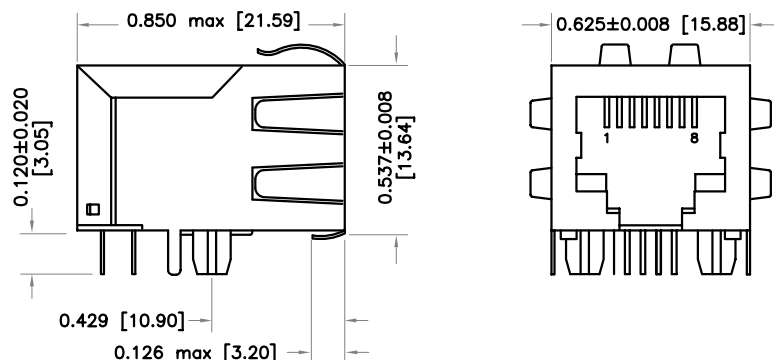
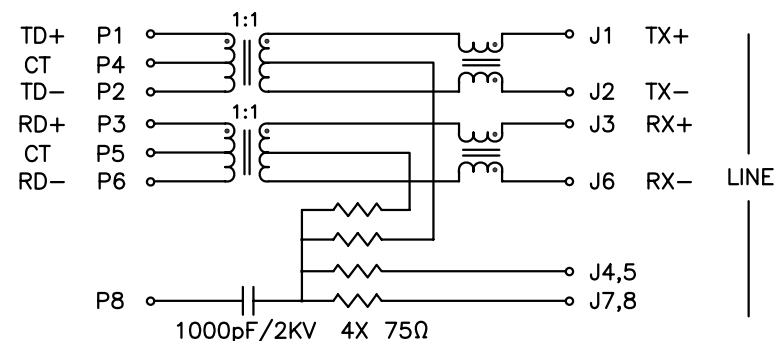
RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
 FOR THROUGH HOLE COMPONENTS

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

URNS RATIO	1CT:1 ±3%
OCL (100KHz,0.1Vrms,8mA) P1-P2,P3-P6	350µH min
INSERTION LOSS 0.1-100MHz	-1.1dB max
RETURN LOSS 0.5-30MHz	-18dB min
40MHz	-15.5dB min
50MHz	-13.6dB min
60-80MHz	-12dB min
CROSSTALK 0.1-100MHz	-40dB typ
CMR 0.1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
ISOLATION	1,500Vrms



RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)



HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

TITLE FastJack™ SINGLE

FOR FAST ETHERNET

PART NO. HFJ11-2450ERL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE FJ112450ERL.DWG

DATE

6/3/04

6/19/06

6/19/06

REV.

B

C

D

E

DESC.

UPDATE

REVISE P/N

ADD LOGO

PROD. RELEASE

DATE

10/15/04

3/25/05

3/1/06

6/19/06