



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

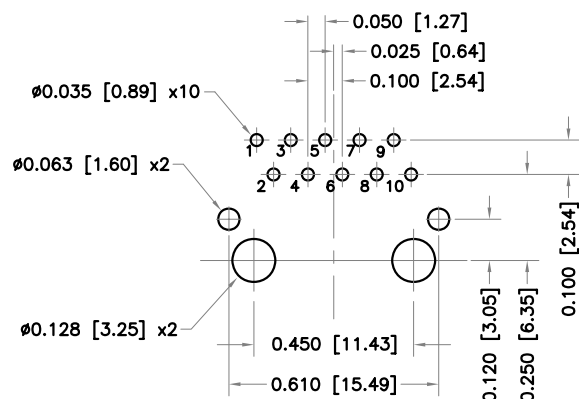
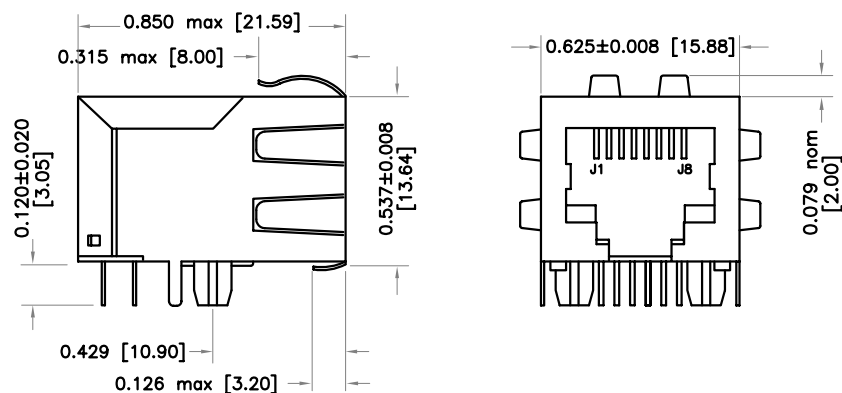


## PART NO. : HFJ11-1G40ERL

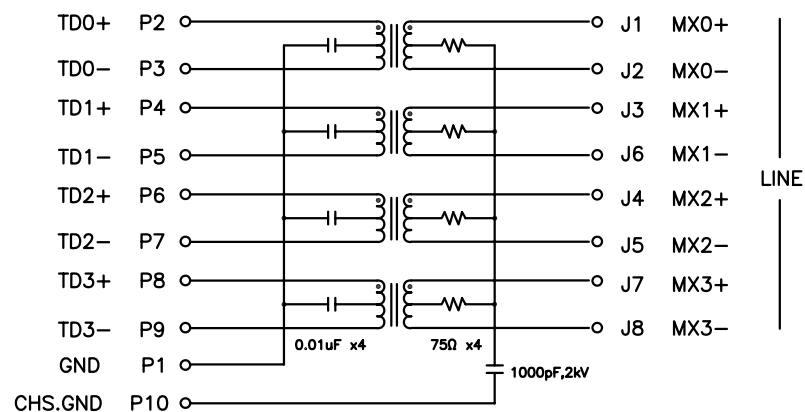
FASTJACK™ WITH 1000BASE-T MAGNETICS  
 OPTIMIZED FOR VOLTAGE DRIVEN OUTPUTS  
 RoHS COMPLAINT  
 COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS  
 FOR THROUGH HOLE COMPONENTS  
 OPERATING TEMPERATURE 0/70°C

## ELECTRICAL SPECIFICATIONS @ 25° C

|                         |            |
|-------------------------|------------|
| URNS RATIO              | 1:1 ±3%    |
| ACL (100KHz,0.1V,8mADC) | 350µH min  |
| INSERTION LOSS          |            |
| 1-100MHz                | -1.1dB max |
| RETURN LOSS             |            |
| 1-40MHz                 | -18dB min  |
| 60MHz                   | -14dB min  |
| 80MHz                   | -12dB min  |
| 100MHz                  | -10dB min  |
| CROSSTALK 1-100MHz      | -40dB typ  |
| ISOLATION               | 1,500Vrms  |



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



**HALO/PBL**

CALIFORNIA, USA  
 KOWLOON, HONG KONG  
 SINGAPORE

TITLE FastJack™ SINGLE

FOR GIGABIT ETHERNET

PART NO. HFJ11-1G40ERL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 1G40ERL.DWG

DATE

1/21/05

8/25/10

8/25/10

REV.

A

B

C

DESC.

FIRST ISSUE

REVISE P/N

PROD. RELEASE

DATE

1/21/05

3/25/05

8/25/10