



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



## PART NO. : HFJ11-1G02E-L12RL

FASTJACK™ WITH 1000BASE-T MAGNETICS

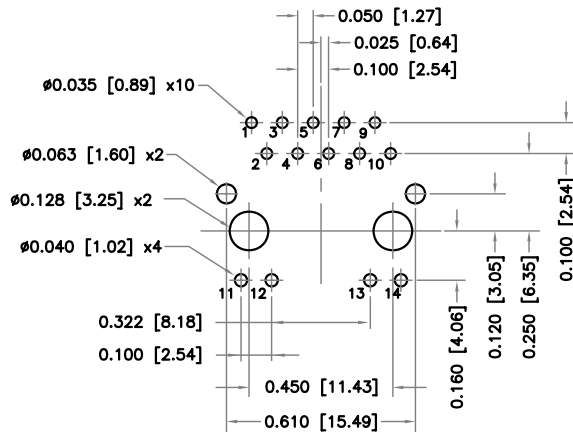
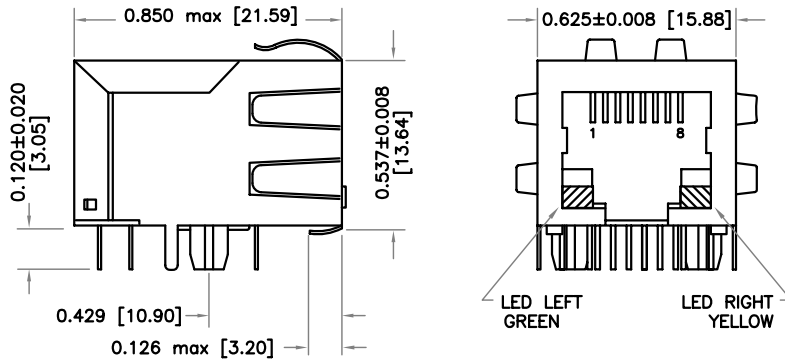
RoHS COMPLIANT

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

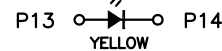
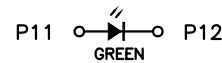
OPERATING TEMPERATURE 0/70°C

## ELECTRICAL SPECIFICATIONS @ 25° C

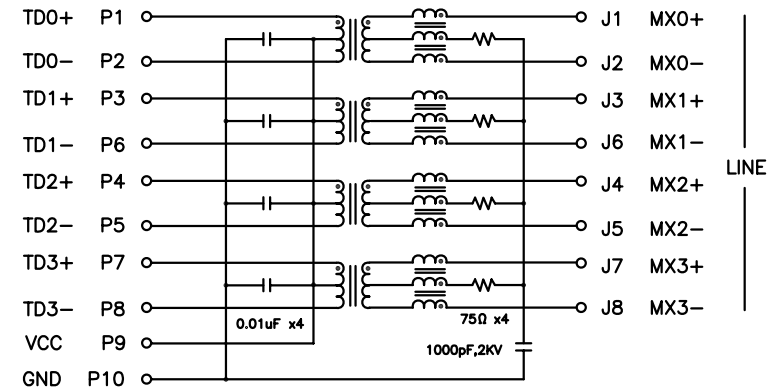
|                            |            |
|----------------------------|------------|
| URNS RATIO                 | 1:1 ±3%    |
| OCL (100KHz,0.1V,8mA)      | 350µH min  |
| INSERTION LOSS<br>1-100MHz | -1.1dB max |
| RETURN LOSS<br>1-40MHz     | -18dB min  |
| 60MHz                      | -14dB min  |
| 80MHz                      | -12dB min  |
| 100MHz                     | -10dB min  |
| CROSSTALK 1-100MHz         | -35dB typ  |
| CMR 0.1-30MHz              | -38dB typ  |
| 30-60MHz                   | -35dB typ  |
| 60-100MHz                  | -30dB typ  |
| ISOLATION                  | 1,500Vrms  |



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



LED FORWARD VOLTAGE/  
 CURRENT: 2.1V/10mA typ



**HALO/PBL**

CALIFORNIA, USA  
 KOWLOON, HONG KONG  
 SINGAPORE

| TITLE    | FastJack™ SINGLE  | SIGNATURES | DATE            | REV.    | DESC. | DATE          |
|----------|-------------------|------------|-----------------|---------|-------|---------------|
| FOR      | GIGABIT ETHERNET  | DRAWN      | PETER LU        | 7/25/05 | A     | FIRST ISSUE   |
| PART NO. | HFJ11-1G02E-L12RL | CHECKED    | LEI KEONG       | 4/19/07 | B     | PROD. RELEASE |
| SCALE    | NONE              | APPROVED   | PETER LU        | 4/19/07 |       |               |
| PAGE     | 1 OF 1            | FILE       | 1G02E-L12RL.DWG |         |       |               |

# AMEYA360

Components Supply Platform

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