

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. : HFJ11-1G40E-L11RL

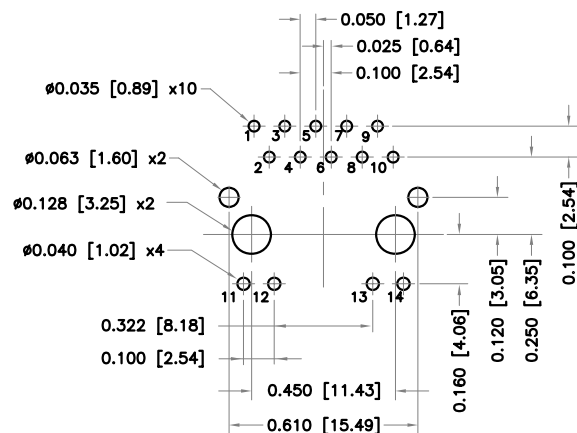
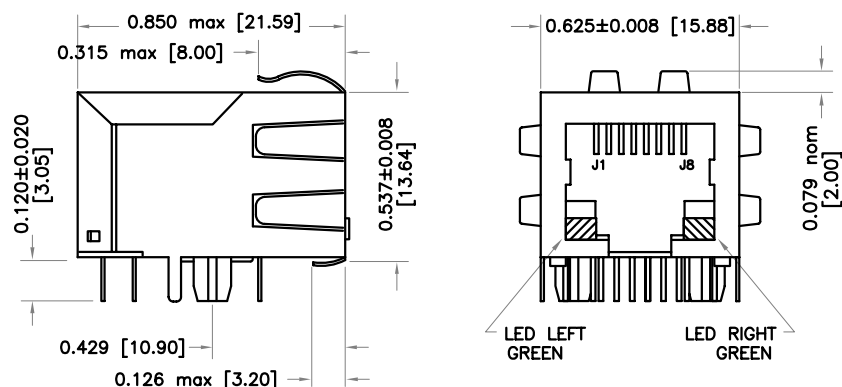
FASTJACK™ WITH 1000BASE-T MAGNETICS
OPTIMIZED FOR VOLTAGE DRIVEN OUTPUTS
RoHS COMPLAINT

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

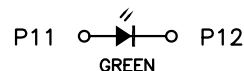
OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

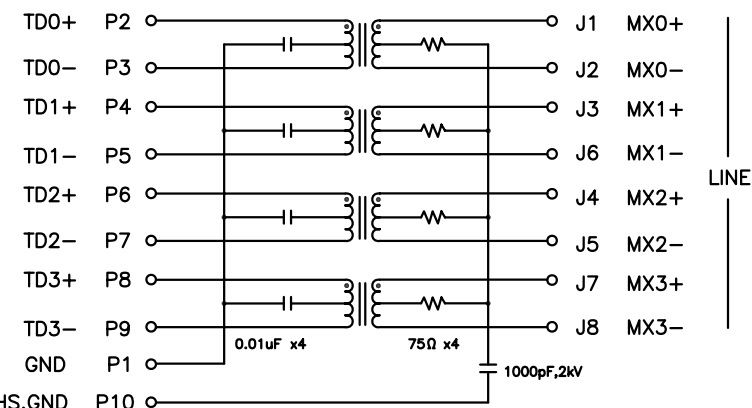
| | |
|-----------------------|------------|
| URNS RATIO | 1:1 ±3% |
| OCL (100KHz,0.1V,8mA) | 350µH min |
| INSERTION LOSS | |
| 1-100MHz | -1.1dB max |
| RETURN LOSS | |
| 1-40MHz | -18dB min |
| 60MHz | -14dB min |
| 80MHz | -12dB min |
| 100MHz | -10dB min |
| CROSSTALK 1-100MHz | -40dB typ |
|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



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



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



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ SINGLE

FOR GIGABIT ETHERNET

PART NO. HFJ11-1G40E-L11RL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 1G40E-L11RL.DWG

DATE

4/28/06

8/25/10

8/25/10

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[HALO Electronics:](#)

[HFJ11-1G40E-L11RL](#)