



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-L12RL

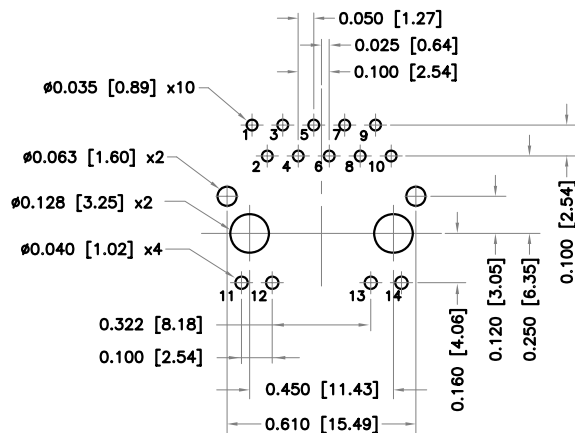
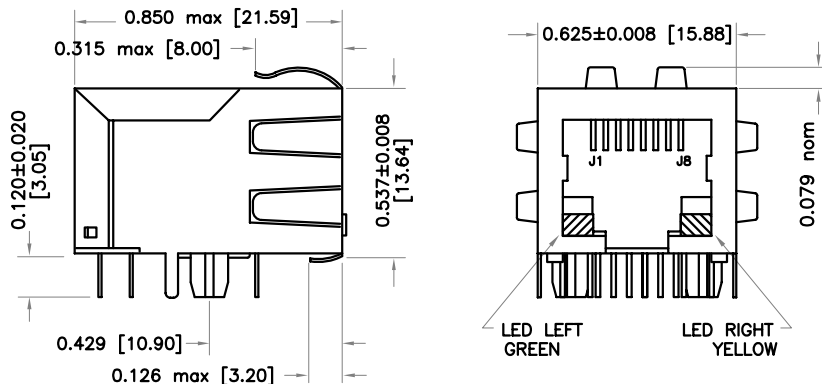
FASTJACK™ WITH 1000BASE-T MAGNETICS
OPTIMIZED FOR VOLTAGE DRIVEN OUTPUTS
RoHS COMPLAINT

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

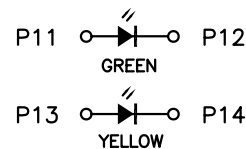
OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

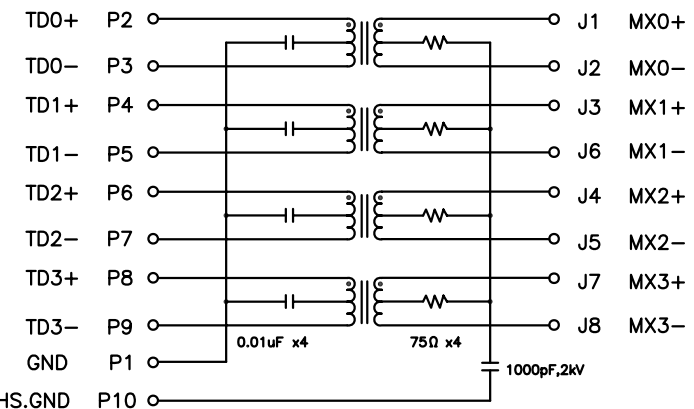
URNS RATIO	1:1 ±3%
OCL (100KHz,0.1V,8mA)	350µH min
INSERTION LOSS	
1-100MHz	-1.1dB max
RETURN LOSS	
1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-40dB typ
ISOLATION	1,500Vrms



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



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



LINE



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ SINGLE

FOR GIGABIT ETHERNET

PART NO. HFJ11-1G40E-L12RL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE 1G40E-L12RL.DWG

DATE

2/14/06

8/25/10

8/25/10

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE

DATE

2/14/06

8/25/10