

PART NO. : HFJT1-1G04-L12RL



FASTJACK™ (TABUP) WITH 1000BASE-T MAGNETICS
DESIGNED FOR IEEE802.3ab GIGABIT APPLICATIONS

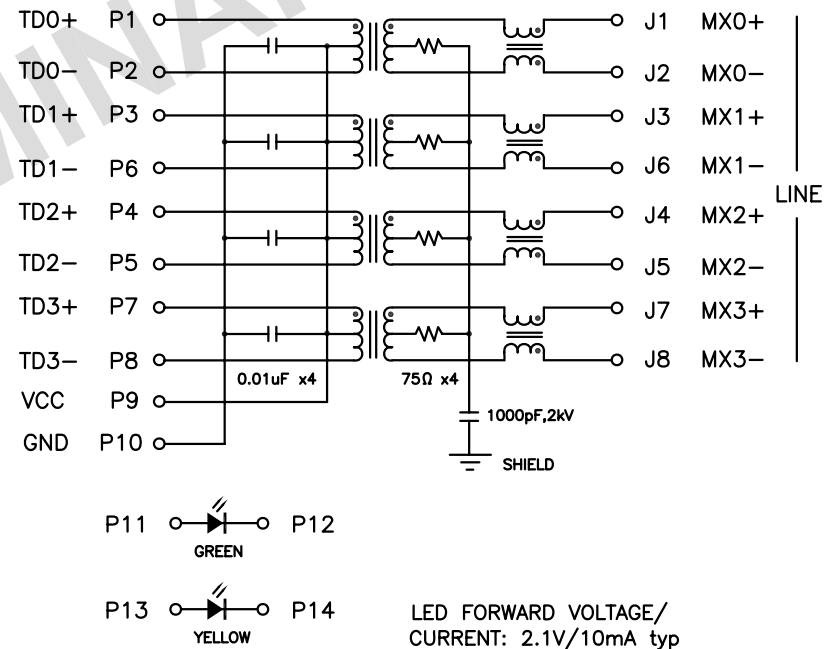
RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

Turns 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	-35dB typ
CMR 0.1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
Isolation	1,500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ SINGLE

FOR GIGABIT ETHERNET

PART NO. HFJT1-1G04-L12RL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE HFJT1-1G04-L12RL.DWG

DATE

4/13/11

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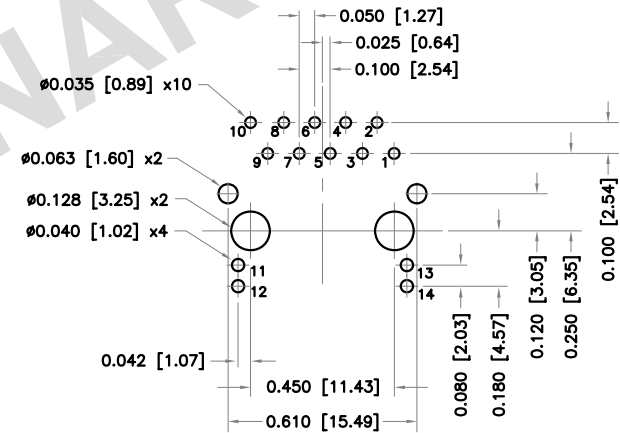
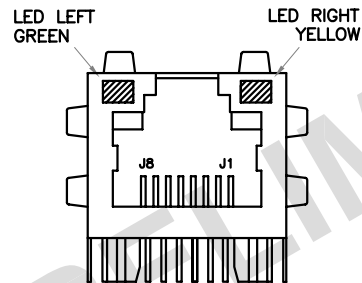
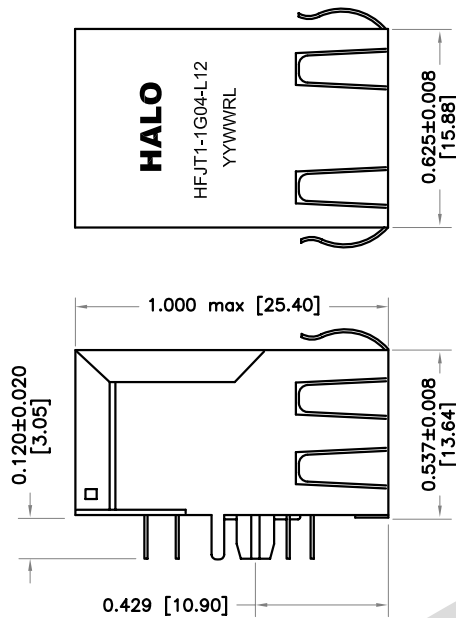
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RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)

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

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