

PART NO. : HFJ14-1G01ERL



1X4 FASTJACK™ WITH 1000BASE-T MAGNETICS
DESIGNED FOR IEEE802.3ab APPLICATIONS

RoHS COMPLIANT

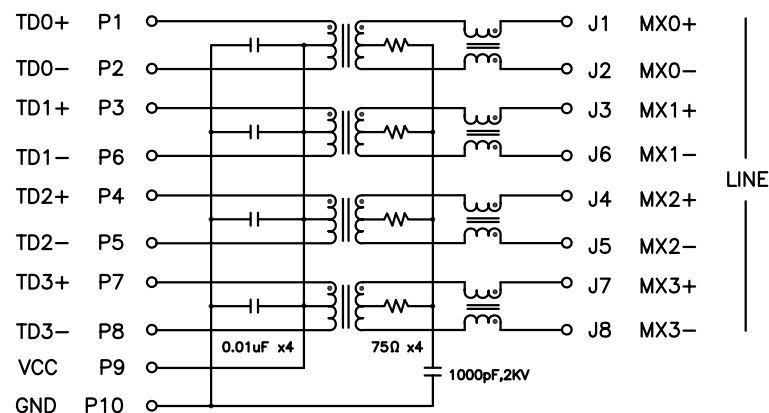
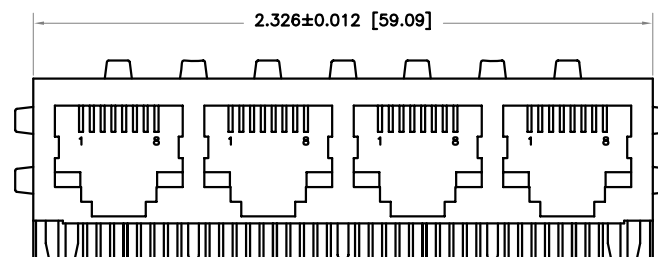
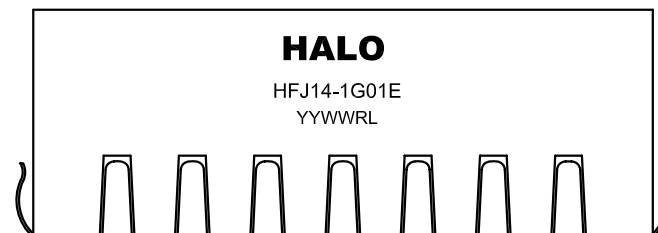
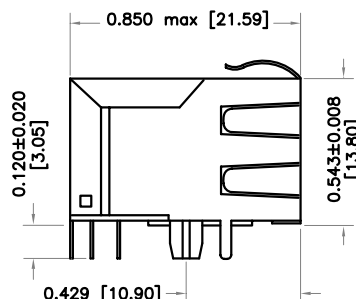
COMPATIBLE TO LEAD-FREE WAVE SOLDERING
PROCESS FOR THROUGH HOLE COMPONENTS

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO	1:1 ±3%
ACL (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 1–30MHz	–50dB typ
30–60MHz	–40dB typ
60–100MHz	–35dB typ
ISOLATION	1,500Vrms

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



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ 1x4

FOR GIGABIT ETHERNET

PART NO. HFJ14-1G01ERL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE FJ141G01ERL.DWG

DATE

7/4/06

8/8/06

8/8/06

REV.

A

B

DATE

FIRST ISSUE

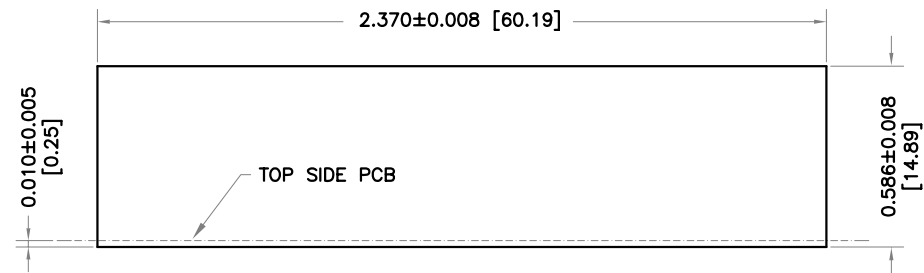
PROD. RELEASE

DATE

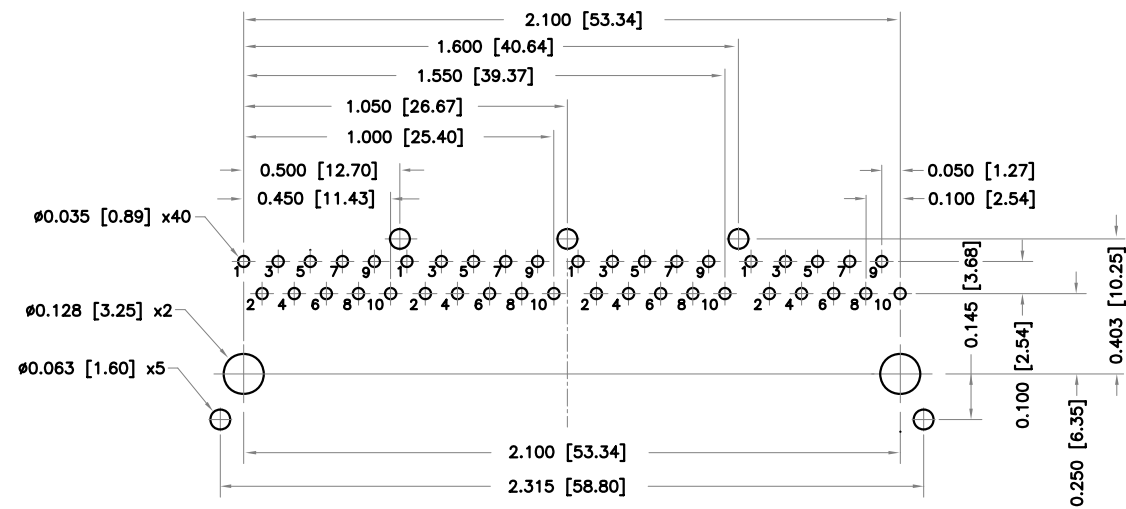
7/4/06

8/8/06

cRLus



RECOMMENDED PANEL CUTOUT
DIMENSIONS: Inch [mm]



RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)
TOLERANCES: ±0.002 [0.05] UNLESS SPECIFIED

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

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FOR	GIGABIT ETHERNET	DRAWN	PETER LU	7/4/06	A	FIRST ISSUE
PART NO.	HFJ14-1G01ERL	CHECKED	LEI KEONG	8/8/06	B	PROD. RELEASE
SCALE	NONE	APPROVED	PETER LU	8/8/06		
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