

**PART NO. : HFJ14-1G16ER-L12RL**



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

RoHS COMPLIANT

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

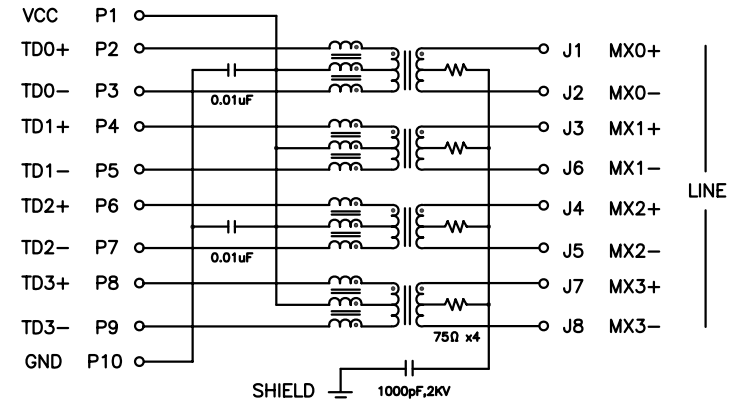
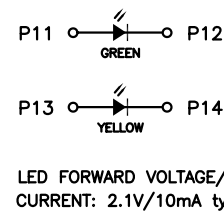
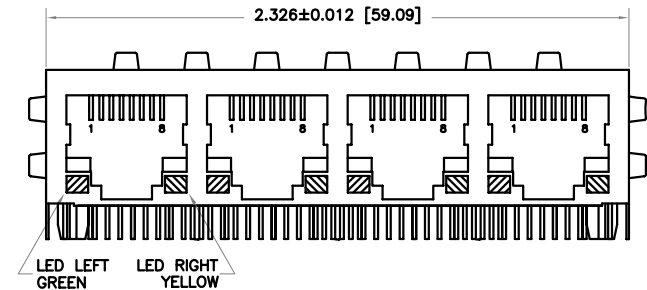
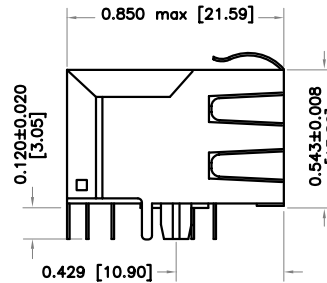
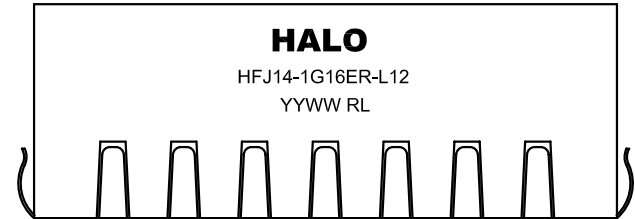
UL/EN60950 RECOGNIZED

OPERATING TEMPERATURE 0/70°C

**ELECTRICAL SPECIFICATIONS @25° C**

URNS RATIO	1:1 ±3%
OCL (100KHz,0.1V,8mADC)	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	-38dB typ
30-60MHz	-35dB typ
60-100MHz	-30dB 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

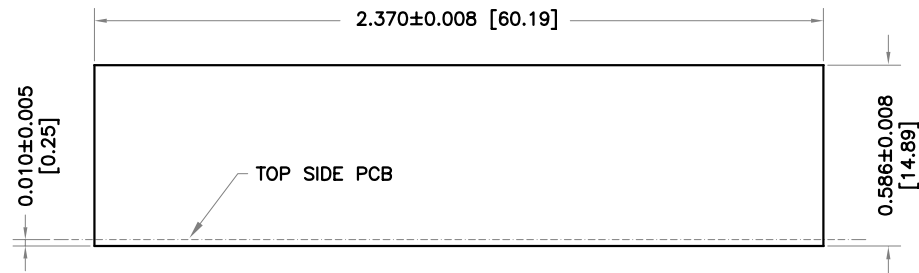


**HALO/PBL**

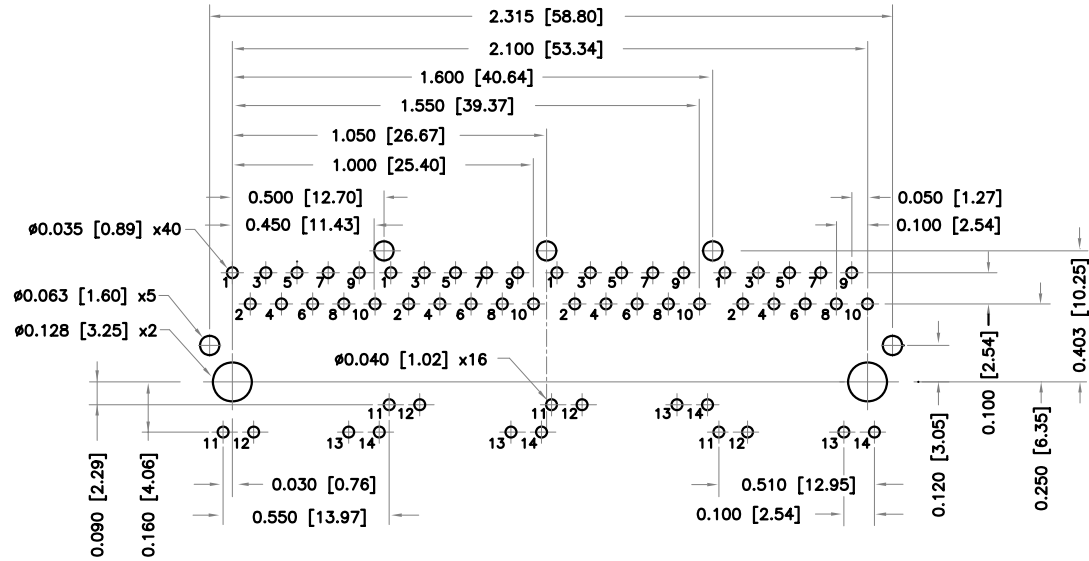
CALIFORNIA, USA  
 KOWLOON, HONG KONG  
 SINGAPORE

TITLE	FastJack™ 1x4	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN	PETER LU	3/13/07	A	FIRST ISSUE
PART NO.	HFJ14-1G16ER-L12RL	CHECKED	LEI KEONG	4/18/07	B	PROD RELEASE
SCALE	NONE	APPROVED	PETER LU	4/18/07		
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RECOMMENDED PANEL CUTOUT



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

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CALIFORNIA, USA  
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