

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

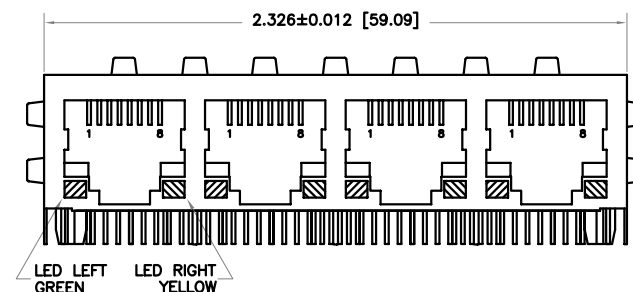
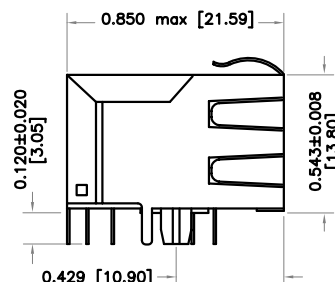
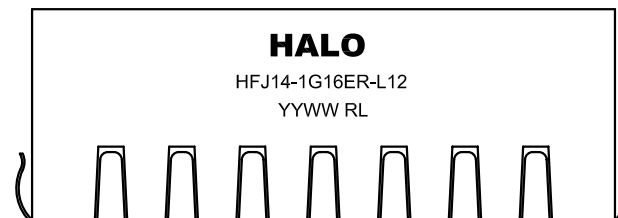
UL/EN60950 RECOGNIZED

OPERATING TEMPERATURE 0/70°C

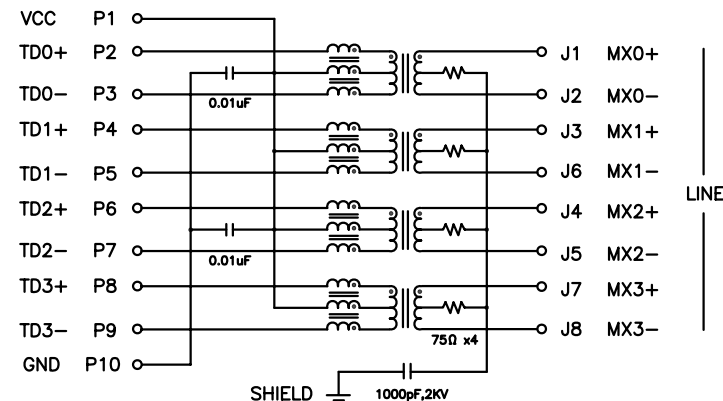
ELECTRICAL SPECIFICATIONS @25° C

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



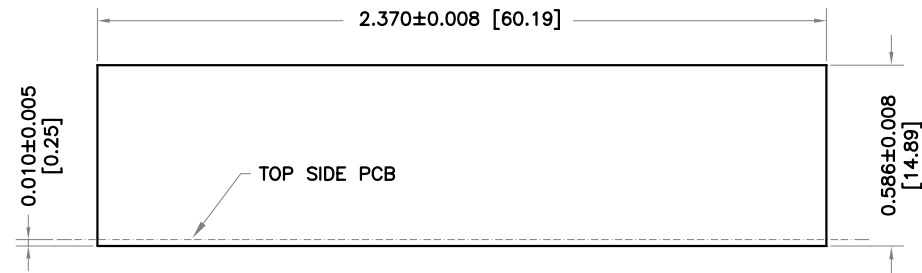
LED FORWARD VOLTAGE/
CURRENT: 2.1V/10mA typ



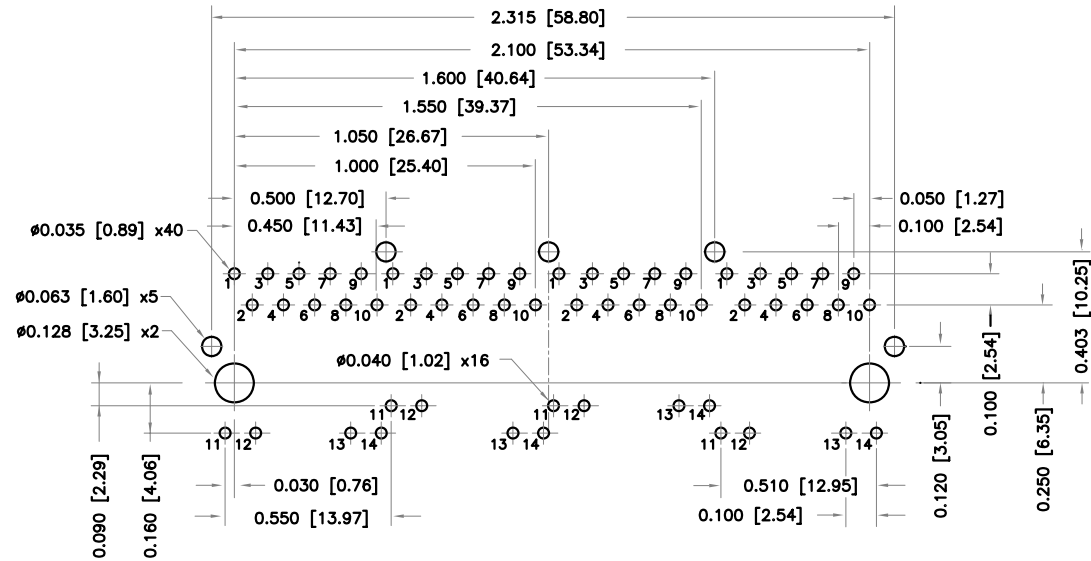
HALO/PBL

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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