

PART NO. : HFJ14-1G01ER-L12RL



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

LEAD-FREE/RoHS COMPLIANT

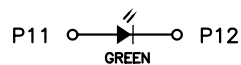
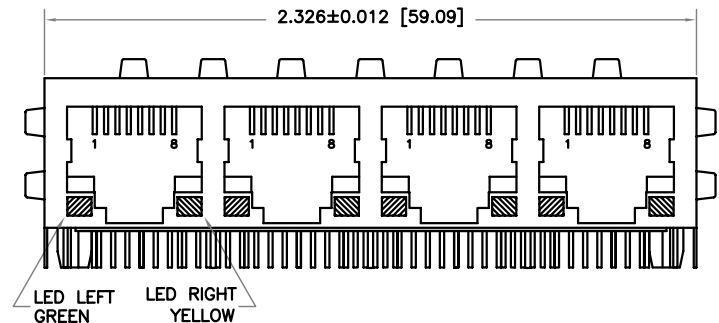
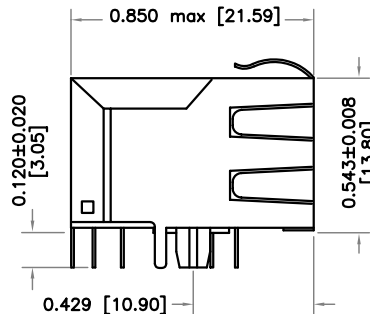
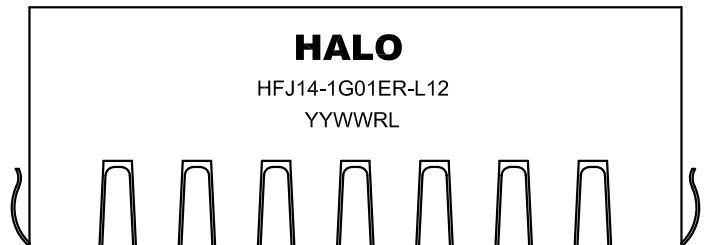
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
FOR THROUGH HOLE COMPONENTS

OPERATING TEMPERATURE 0/70°C

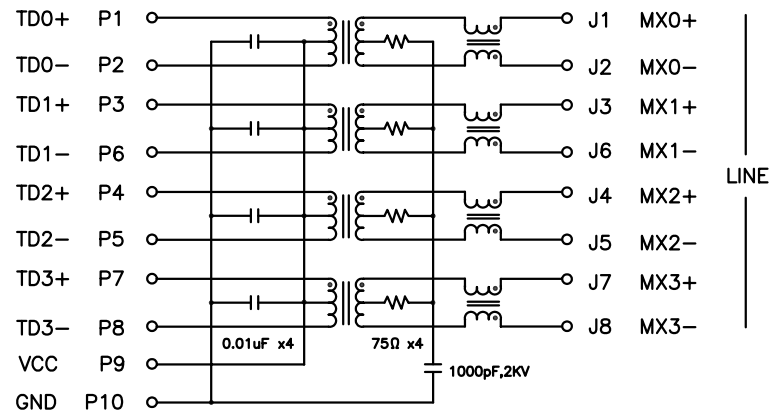
ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO	1:1 ±3%
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	-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 plating
Shield: Cu Alloy with Ni plating 40μin min
Durability: 1000 mating cycles
Dimensions: Inch [mm]
Tolerances: ±0.008 inch if not specified



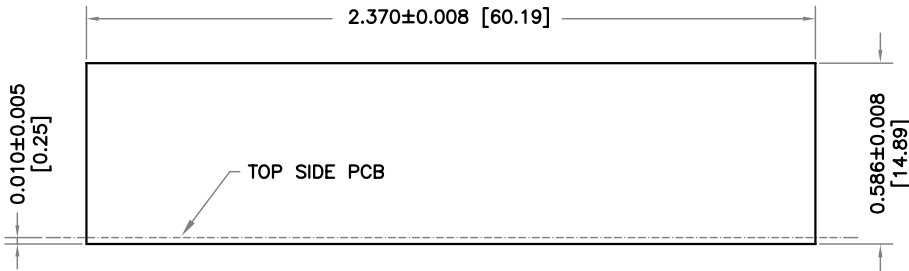
LED FORWARD VOLTAGE/
CURRENT: 2.1V/10mA typ



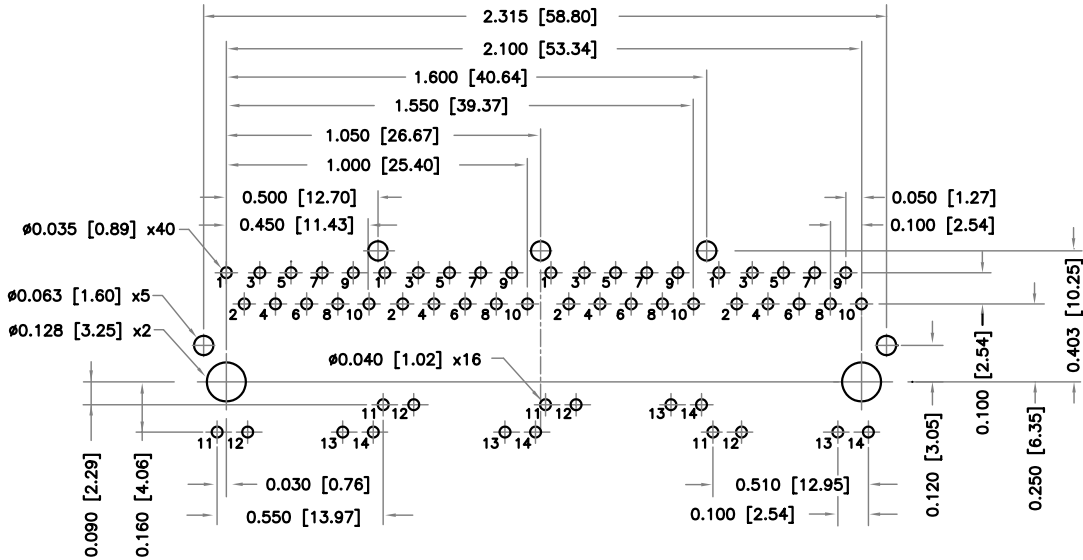
HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	SIGNATURES	DATE	REV.	DESC.	DATE
FastJack™ 1x4	DRAWN PETER LU	2/14/06	A		
FOR GIGABIT ETHERNET	CHECKED				
PART NO. HFJ14-1G01ER-L12RL	APPROVED				
SCALE NONE	FILE FJ141G01ER-L12RL.DWG				
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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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PAGE	2 OF 2	FILE	FJ141G01ER-L12RL.DWG			