

PART NO. : HFJ12-1G41ER-L12RL

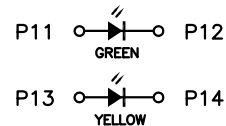
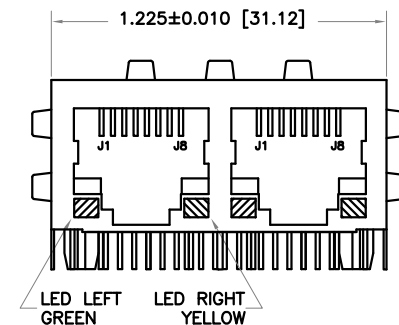
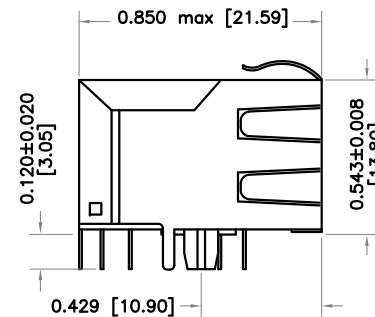
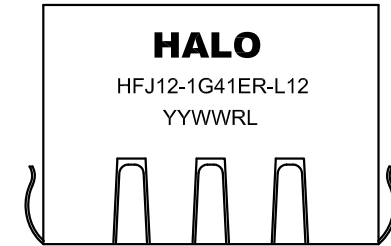
1X2 FASTJACK™ WITH 1000BASE-T MAGNETICS
COMPLIANT TO IEEE802.3ab STANDARDS
OPTIMIZED FOR USE WITH VOLTAGE DRIVEN GIGABIT PHY
UL/EN60950 RECOGNIZED
RoHS COMPLIANT

COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
FOR THROUGH HOLE COMPONENTS
OPERATING TEMPERATURE 0/+70°C

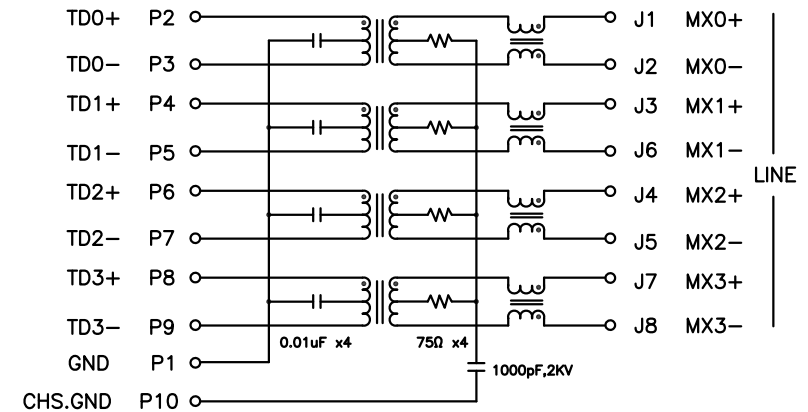
ELECTRICAL SPECIFICATIONS @25°C

URNS RATIO	1:1±3%
OCL (100KHz,0.1V,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

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



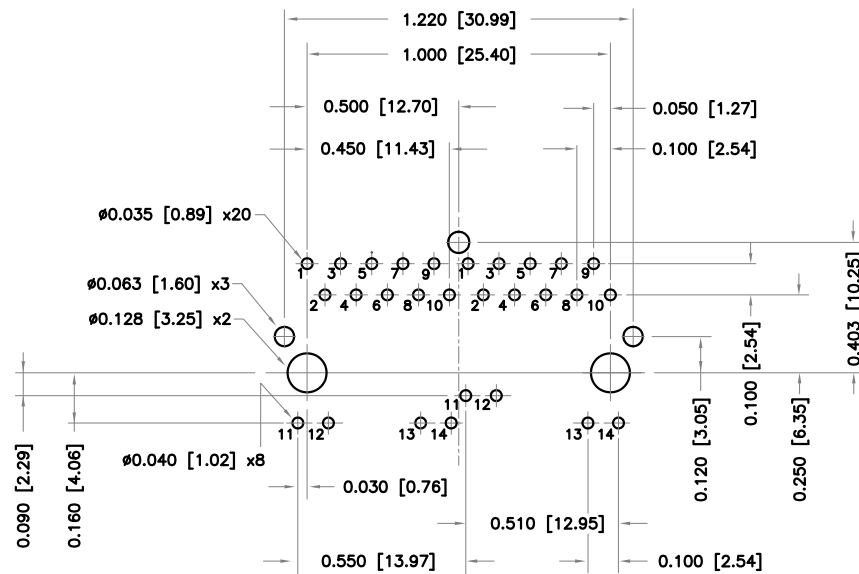
LED FORWARD VOLTAGE/
CURRENT: 2.1V/10mA typ



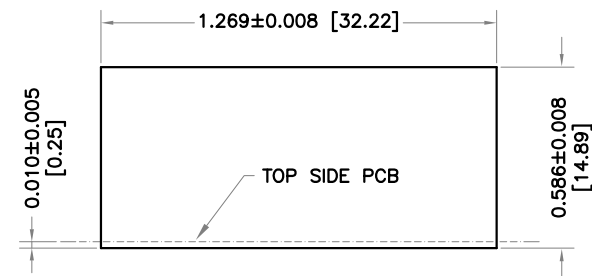
HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	FastJack™ 1x2	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN	LI ZHI ZHONG	2/13/07	A	FIRST ISSUE
PART NO.	HFJ12-1G41ER-L12RL	CHECKED	LEI KEONG	8/29/12	B	PROD. RELEASE
SCALE	NONE	APPROVED	PETER LU	8/29/12		
PAGE	1 OF 2	FILE	HFJ12-1G41ER-L12RL.DWG			



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



RECOMMENDED PANEL CUTOUT

HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

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