

PART NO. : HFJ12-1G01ER-L11RL



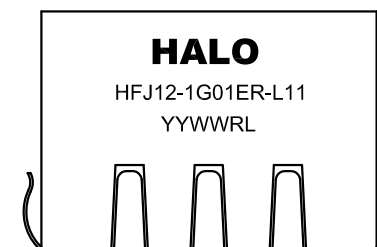
1X2 FASTJACK™ WITH 1000BASE-T MAGNETICS
COMPLIANT TO IEEE802.3ab STANDARDS

RoHS COMPLIANT

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

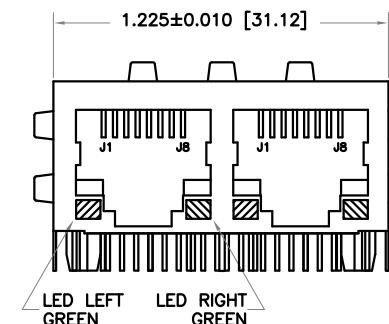
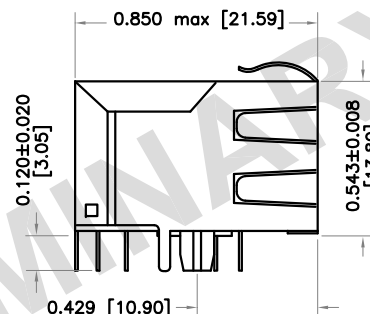
OPERATING TEMPERATURE 0/70°C

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

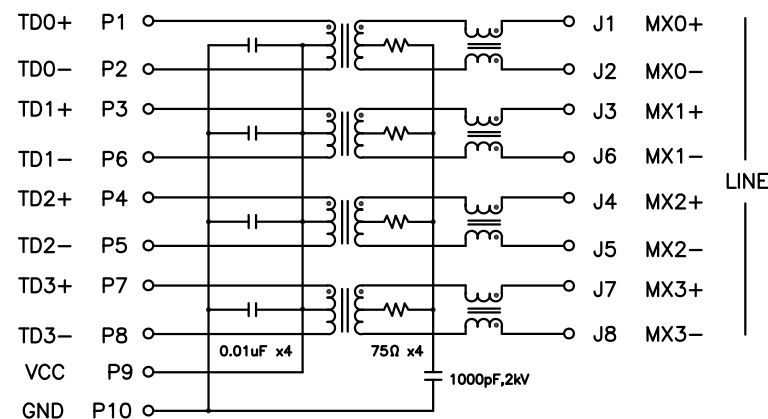


ELECTRICAL SPECIFICATIONS @25°C

Turns 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



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



HALO/PBL

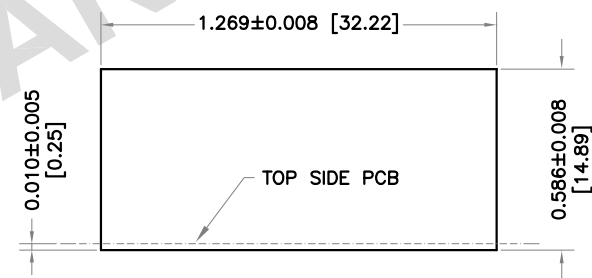
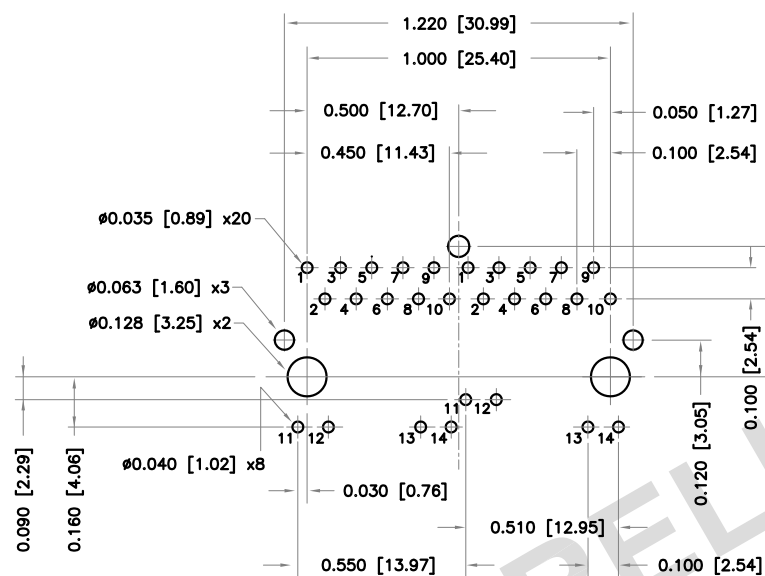
TITLE	FastJack™ 1x2
FOR	GIGABIT ETHERNET
PART NO.	HFJ12-1G01ER-L11RL
SCALE	NONE

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SIGNATURES	DATE	REV.	DESC.	DATE
DRAWN LI ZHI ZHONG	5/7/13	A	FIRST ISSUE	5/7/13
CHECKED LEI KEONG	5/7/13			
APPROVED PETER LU	5/7/13			
FILE HFJ121G01ER-L11RL.DWG				

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

cRL us



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
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