

PART NO. : HFJ12-1G11ER-L12RL



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

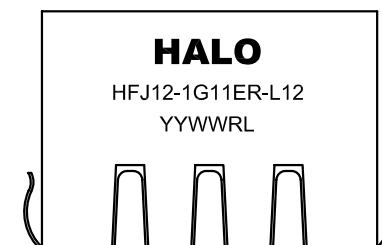
Leads: Matte Sn over Ni

Shield: Cu Alloy with Ni plating 40µin min

Durability: 1000 mating cycles

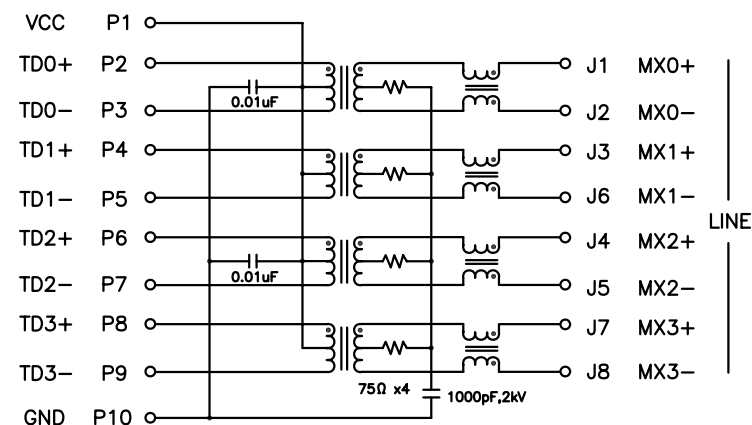
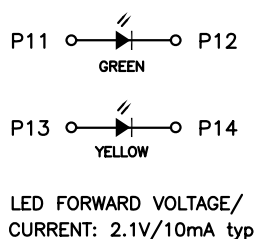
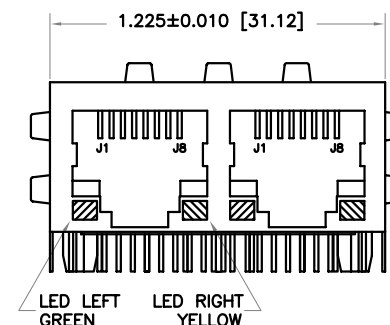
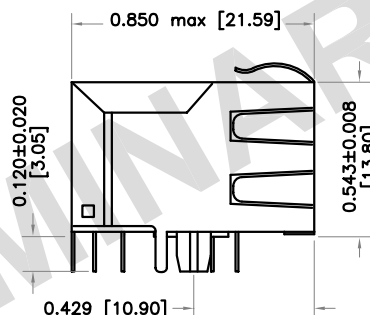
Dimensions: Inch [mm]

Tolerances: ±0.008 inch if not specified



ELECTRICAL SPECIFICATIONS @25° C

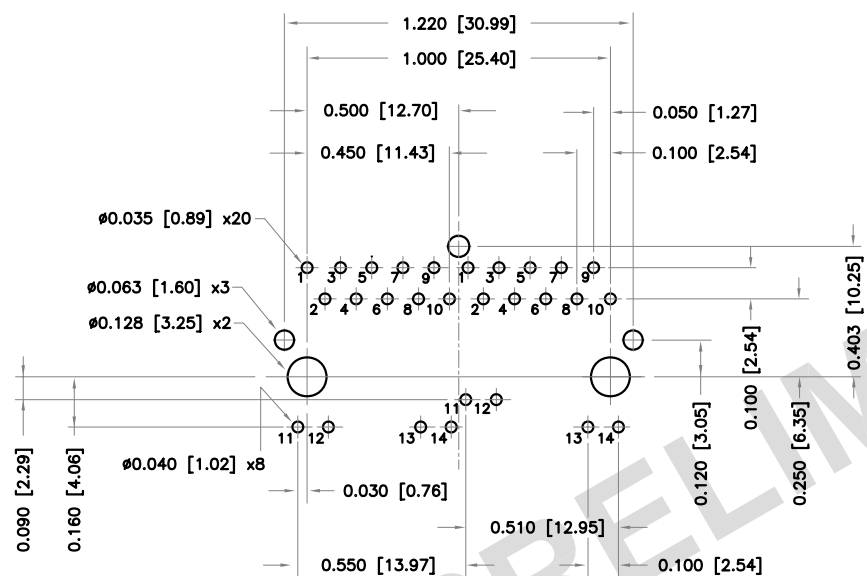
URNS RATIO	1:1±3%
OCL (100KHz,0.1V,8mA)	350µH min
INSERTION LOSS 1-100MHz	-1.1dB max
RETURN LOSS 1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-35dB typ
CMR 0.1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
ISOLATION	1,500Vrms



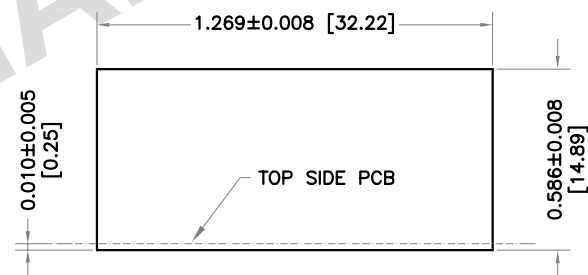
HALO/PBL

TITLE	FastJack™ 1x2	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN	LI ZHI ZHONG	4/13/11	A	FIRST ISSUE
PART NO.	HFJ12-1G11ER-L12RL	CHECKED	LEI KEONG	4/13/11		
SCALE	NONE	APPROVED	PETER LU	4/13/11		
PAGE	1 OF 2	FILE	HFJ121G11ER-L12RL.DWG			

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE



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



RECOMMENDED PANEL CUTOUT

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
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