



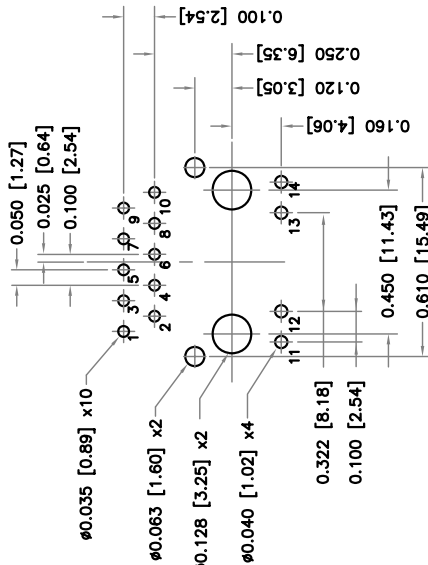
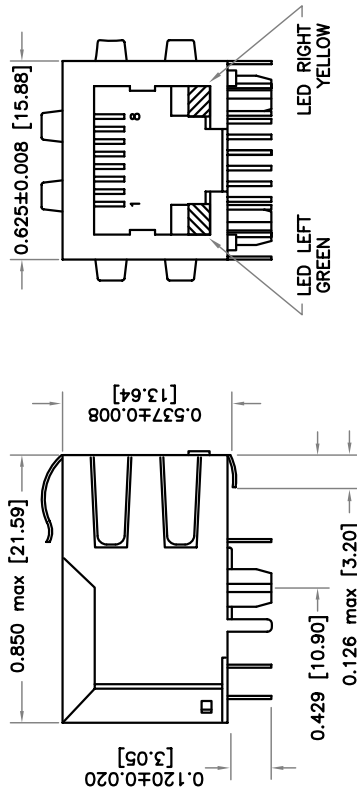
PART NO. : HFJ11-1G02E-L12RL

FASTJACK™ WITH 1000BASE-T MAGNETICS

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



P11 P12
GREEN

P13 P14
YELLOW

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

RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)



ELECTRICAL SPECIFICATIONS @ 25° C

Turns Ratio 1:1 ±3%

OCL (100KHz,0.1V,8mA) 350µH min

Insertion Loss 1-100MHz

Return Loss -1.1dB max

1-40MHz

60MHz

80MHz

100MHz

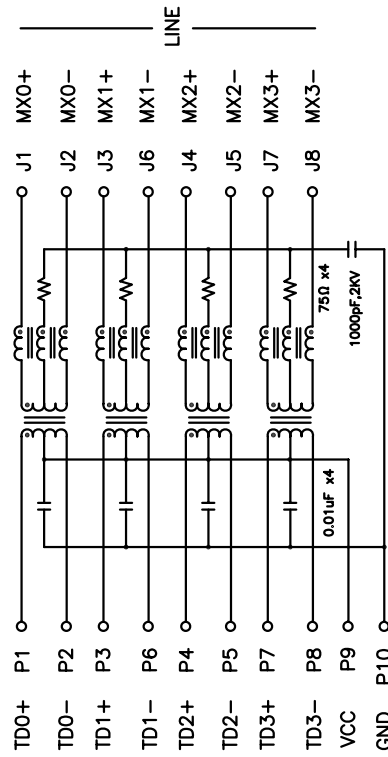
Crosstalk 1-100MHz

CMR 0.1-30MHz

30-60MHz

60-100MHz

Isolation 1,500Vrms



TITLE		SIGNATURES	DATE	REV.	DESC.	DATE
FastJack™ SINGLE		DRAWN PETER LU	7/25/05	A	FIRST ISSUE	7/25/05
FOR GIGABIT ETHERNET		CHECKED LEI KEONG	4/19/07	B	PROD. RELEASE	4/19/07
PART NO. HFJ11-1G02E-L12RL		APPROVED PETER LU	4/19/07			
SCALE NONE		FILE 1G02E-L12RL.DWG				
PAGE 1 OF 1						