



Housing Material: Polyester, Black UL94V-0
 Contacts: Phosphor Bronze 30μin Au plating over Ni
 Leads: Matte Sn finish
 Shield: Cu Alloy with Ni plating 40μin min
 Durability: 1000 mating cycles
 Dimensions: Inch [mm]
 Tolerances: ±0.008 inch if not specified



PART NO. : HFJ11-1G04E-L12RL

FASTJACK™ WITH 1000BASE-T MAGNETICS

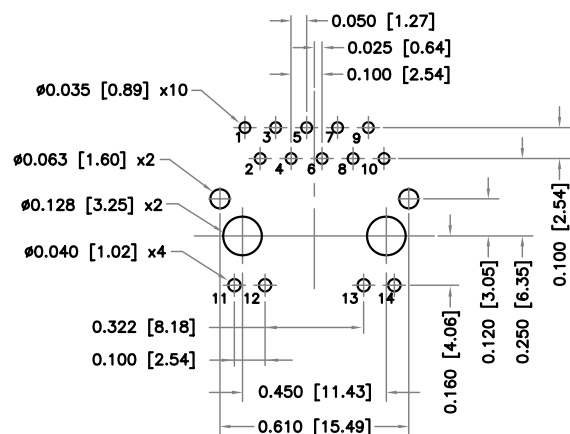
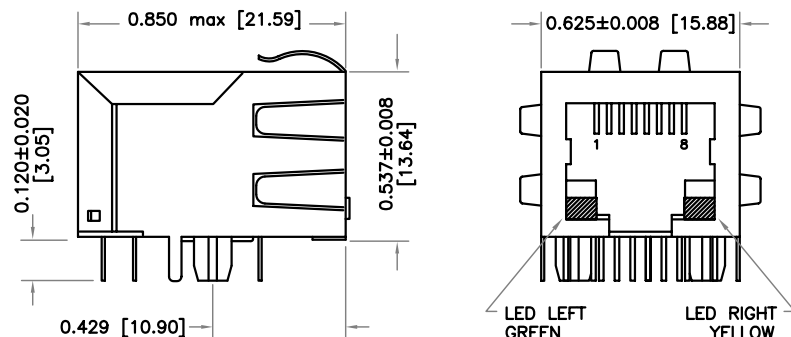
LEAD-FREE/RoHS COMPLAINT

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

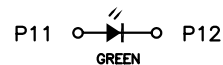
OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

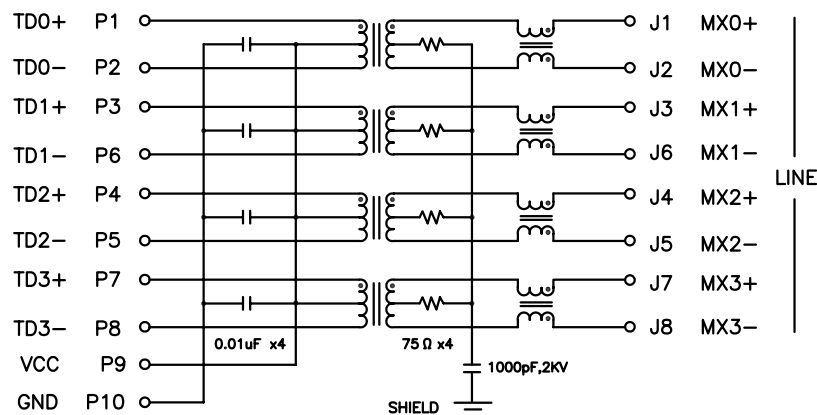
URNS RATIO	1:1 ±3%
OCL (100KHz,0.1V,8mA)	350μH min
INSERTION LOSS 1-100MHz	-1.1dB max
RETURN LOSS 1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-35dB typ
CMR 0.1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
ISOLATION	1,500Vrms



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



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



HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

TITLE	FastJack™ SINGLE
FOR	GIGABIT ETHERNET IEEE802.3ab
PART NO.	HFJ11-1G04E-L12RL
SCALE	NONE
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SIGNATURES	DATE	REV.	DESC.	DATE
DRAWN PETER LU	11/23/05	A		
CHECKED				
APPROVED				
FILE 1G04E-L12RL.DWG				