

PRELIMINARY

PART NO. : HFJ11-E1G01E-L12RL

FASTJACK™ WITH 1000BASE-T MAGNETICS

RoHS COMPLIANT

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

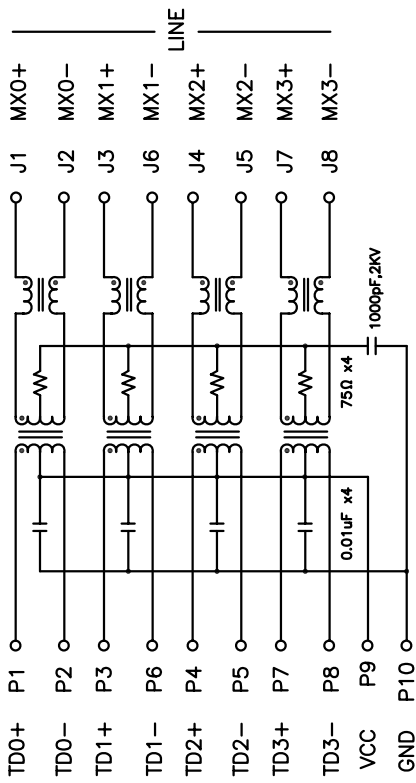
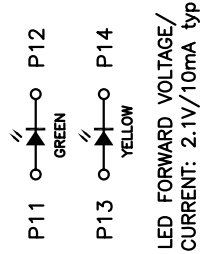
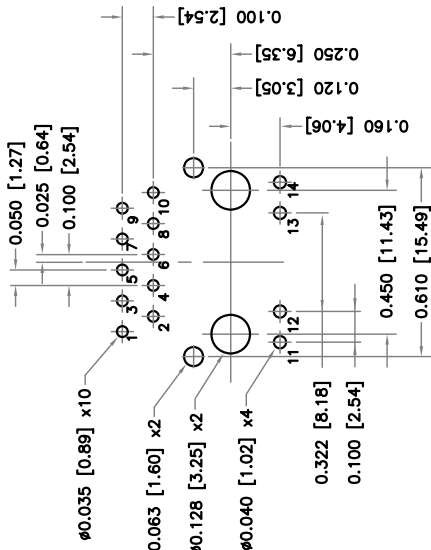
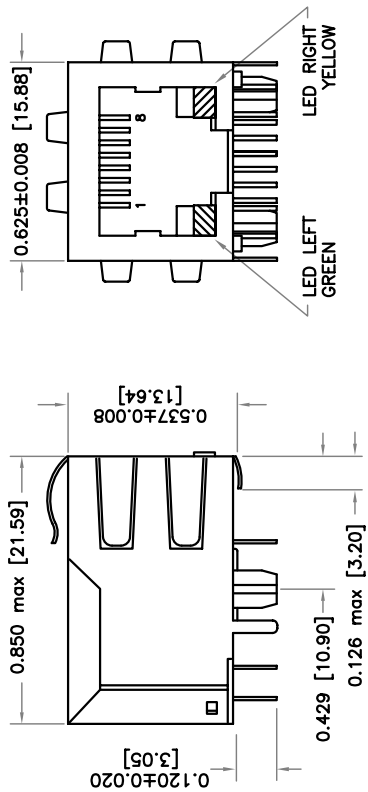
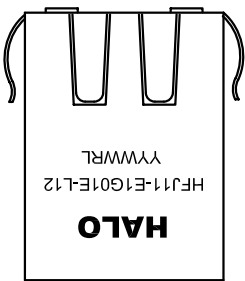
EXTENDED OPERATING TEMPERATURE -40/+85°C

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 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



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



HALO/PBL CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE		TITLE		FastJack™	SINGLE	SIGNATURES	DATE	REV.	DESC.	DATE		
		FOR		GIGABIT	ETHERNET							
		PART NO.		HFJ11-E1G01E-L12RL			DRAWN	PETER LU	8/7/07	A	FIRST ISSUE	8/7/07
							CHECKED	LEI KEONG	8/7/07			
		SCALE		NONE	PAGE	1 OF 1	APPROVED	PETER LU	8/7/07			
					FILE	E1G01E-L12RL.DWG						