

**PART NO. : HFJT1-1G11-L12RL**



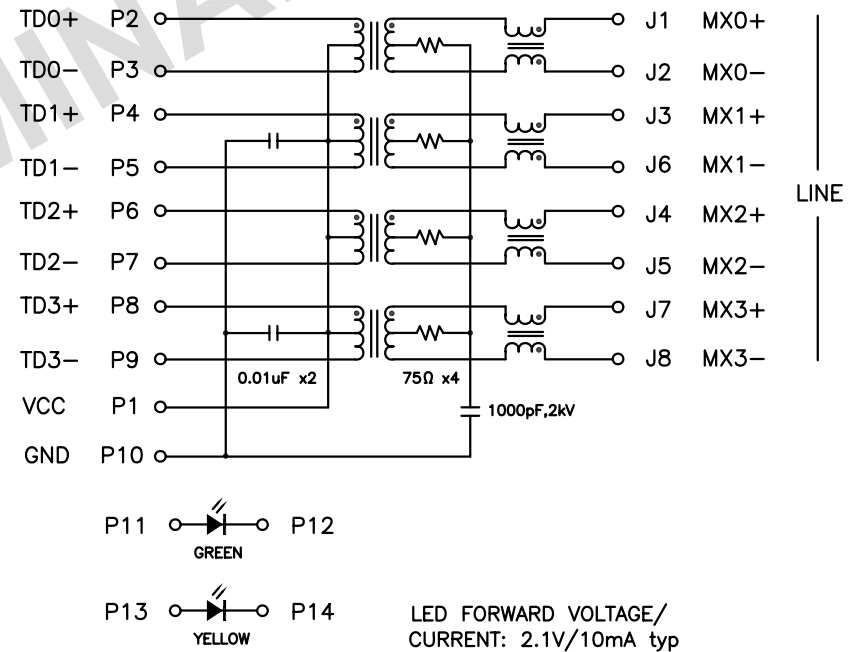
FASTJACK™ (TABUP) WITH 1000BASE-T MAGNETICS  
 DESIGNED FOR IEEE802.3ab GIGABIT APPLICATIONS  
 RoHS COMPLAINT

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

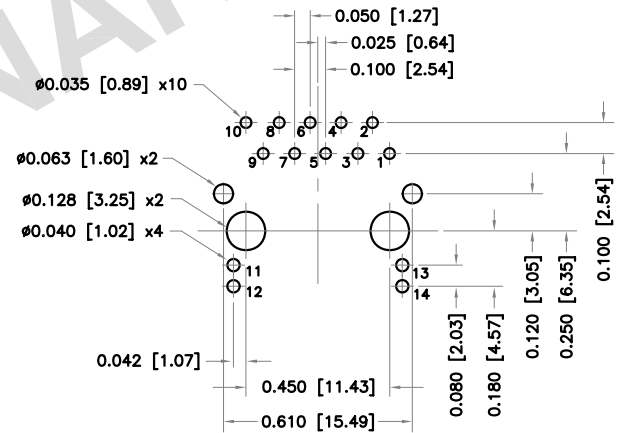
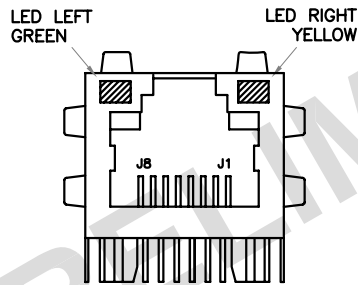
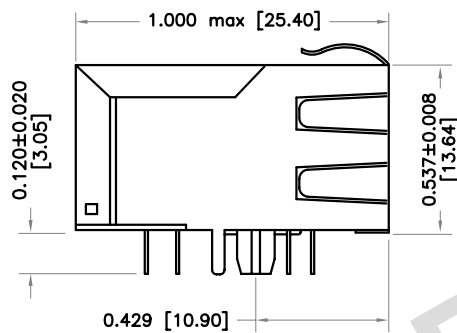
OPERATING TEMPERATURE 0/70°C

**ELECTRICAL SPECIFICATIONS @ 25° C**

TURNS RATIO OCL (100KHz,0.1V,8mA) INSERTION LOSS 1-100MHz RETURN LOSS 1-40MHz 60MHz 80MHz 100MHz CROSSTALK 1-100MHz CMR 0.1-30MHz 30-60MHz 60-100MHz ISOLATION	1:1 ±3% 350µH min -1.1dB max -18dB min -14dB min -12dB min -10dB min -35dB typ -50dB typ -40dB typ -35dB typ 1,500Vrms
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<b>HALO/PBL</b>	TITLE FastJack™ SINGLE		SIGNATURES		DATE	REV.	DESC.	DATE
	FOR GIGABIT ETHERNET		DRAWN LI ZHI ZHONG		4/13/11	A	FIRST ISSUE	4/13/11
CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE	PART NO. HFJT1-1G11-L12RL		CHECKED LEI KEONG		4/13/11			
	SCALE NONE	PAGE 1 OF 2	APPROVED PETER LU		4/13/11			
			FILE HFJT1-1G11-L12RL.DWG					



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

Housing Material: Polyester, Black UL94V-0

Contacts: Phosphor Bronze 30µm Au plating over Ni

Leads: Matte Sn over Ni

Shield: Cu Alloy with Ni plating 40µm min

Durability: 1000 mating cycles

Dimensions: Inch [mm]

**HALO/PBL**

CALIFORNIA, USA  
KOWLOON, HONG KONG  
SINGAPORE

TITLE FastJack™ SINGLE

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SCALE NONE PAGE 2 OF 2

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