



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



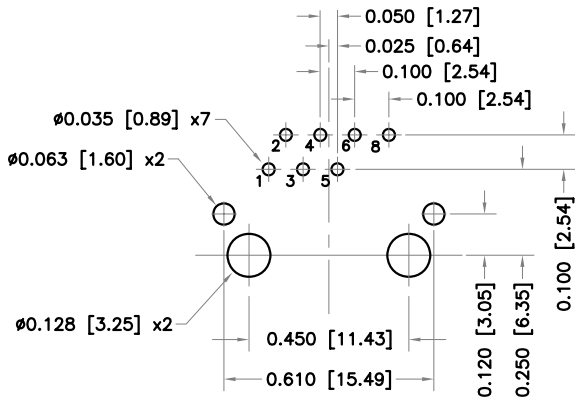
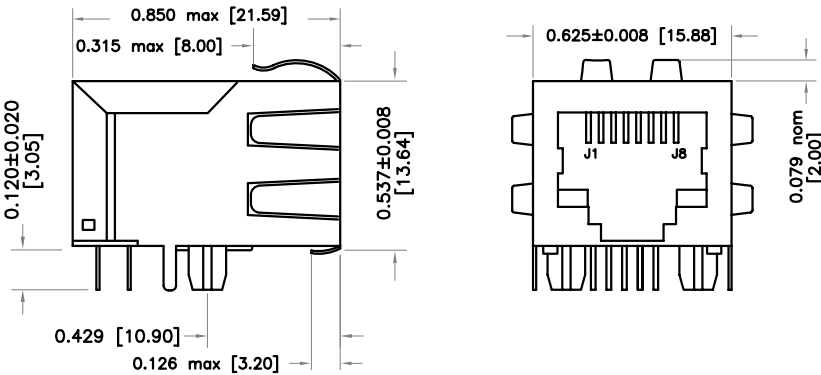
**PART NO. : HFJ11-S050ERL**

FASTJACK™ WITH 10/100BASE-TX MAGNETICS  
 RoHS COMPLIANT

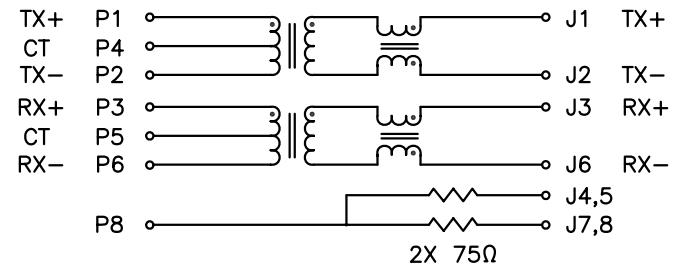
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS  
 FOR THROUGH HOLE COMPONENTS  
 OPERATING TEMPERATURE 0/70°C

**ELECTRICAL SPECIFICATIONS @ 25° C**

URNS RATIO	1CT:1 ±3%
OCL (100KHz,0.1Vrms,8mA) P1-P2,P3-P6	350µH min
DCR P1-P2,P3-P6	0.9Ω max
INSERTION LOSS 0.1-100MHz	-1.1dB max
RETURN LOSS 0.5-30MHz	-18dB min
	-15.5dB min
	-13.6dB min
	-12dB min
CROSSTALK 0.1-100MHz	-40dB typ
CMR 0.1-30MHz	-50dB typ
	-40dB typ
	-35dB typ
ISOLATION	1,500Vrms



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



LINE



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CALIFORNIA, USA  
 KOWLOON, HONG KONG  
 SINGAPORE

TITLE	FastJack™ SINGLE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	FAST ETHERNET	DRAWN	LI ZHI ZHONG	10/10/05	A	FIRST ISSUE
PART NO.	HFJ11-S050ERL	CHECKED	LEI KEONG	12/24/10	B	PROD. RELEASE
SCALE	NONE	APPROVED	PETER LU	12/24/10		
PAGE	1 OF 1	FILE	FJ11S050ERL.DWG			

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