

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

Turns Ratio 1CT:1 ±3%

OCL (100KHz,0.1Vrms,8mA)

P1-P2,P3-P6

350 μ H min

DCR P1-P2,P3-P6

0.9 Ω max

INSERTION LOSS

-1.1dB max

RETURN LOSS

0.5–30MHz

-18dB min

40MHz

–15.5dB min

50MHz

–13.6dB min

60-80MHz

-12dB min

CROSSTALK 0.1-100MHz

–40dB typ

CMR 0.1–30MHz

30-60MHz

–50dB typ

60-100MHz

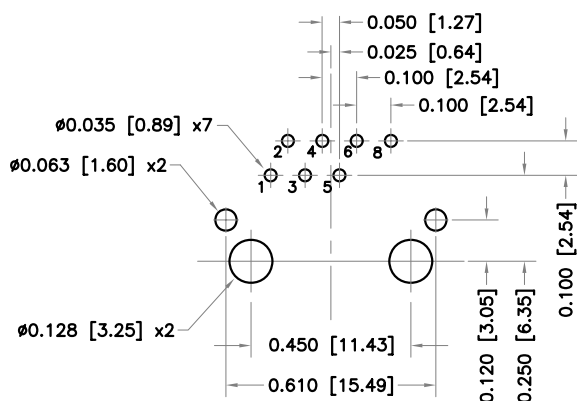
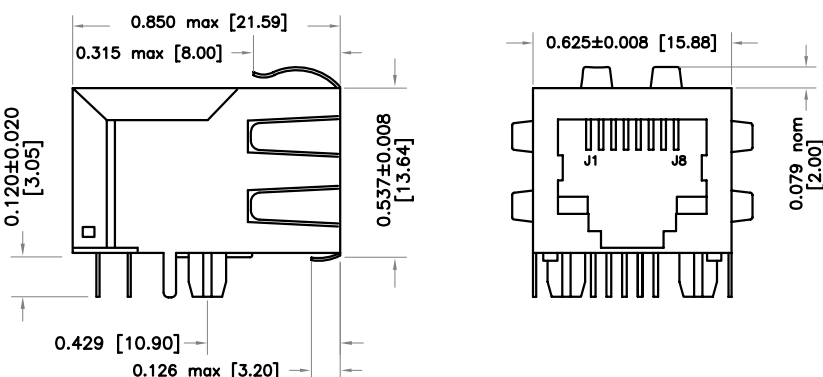
–40dB typ

ATION

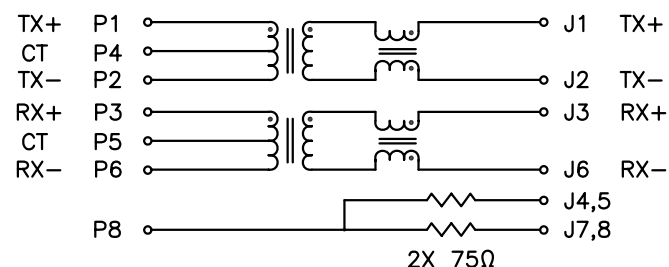
–35dB typ

ISOLATION

1.500Vrms



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



LINE



HALO/PBL

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	10/10/05
PART NO.			HFJ11-S050ERL		CHECKED		LEI KEONG	12/24/10	B	PROD. RELEASE	12/24/10
					APPROVED		PETER LU	12/24/10			
SCALE		NONE	PAGE		1 OF 1		FILE		FJ11S050ERL.DWG		

AMEYA360

Components Supply Platform

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