



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

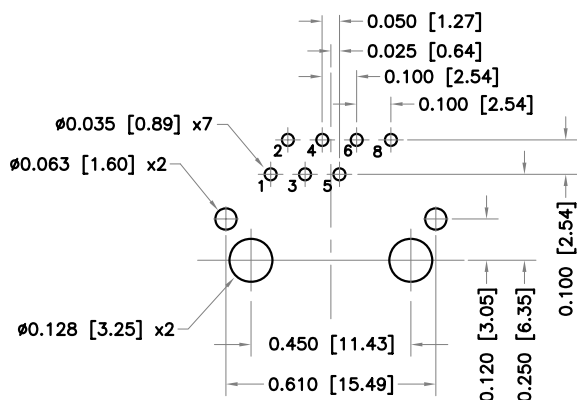
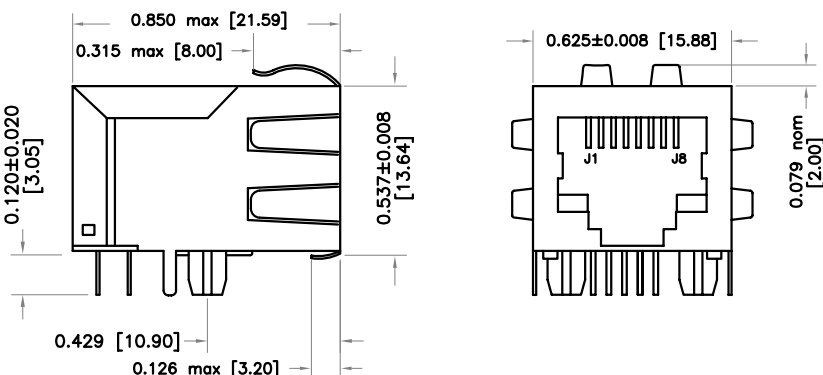
RoHS COMPLIANT

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

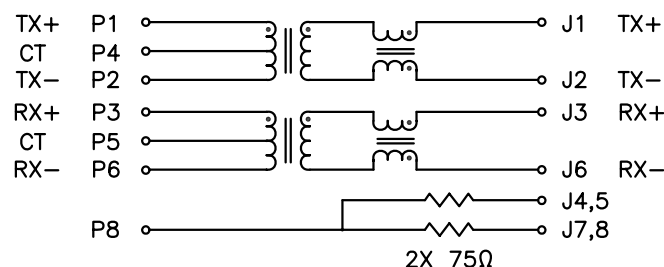
OPERATING TEMPERATURE 0/70°C

## 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
40MHz	-15.5dB min
50MHz	-13.6dB min
60-80MHz	-12dB min
CROSSTALK 0.1-100MHz	-40dB 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)



LINE



**HALO/PBL**

CALIFORNIA, USA  
KOWLOON, HONG KONG  
SINGAPORE

TITLE FastJack™ SINGLE

FOR FAST ETHERNET

PART NO. HFJ11-S050ERL

SCALE NONE

PAGE 1 OF 1

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

FILE FJ11S050ERL.DWG

DATE

10/10/05

12/24/10

12/24/10

REV.

A

B

DESC.

FIRST ISSUE

PROD. RELEASE

DATE

10/10/05

12/24/10

# Mouser Electronics

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