

HALOHFJ11-RPE36E-S1
YYWRL

Housing Material: Polyester, Black UL94V-0
 Contacts: Phosphor Bronze 30μin Au
 plating over Ni

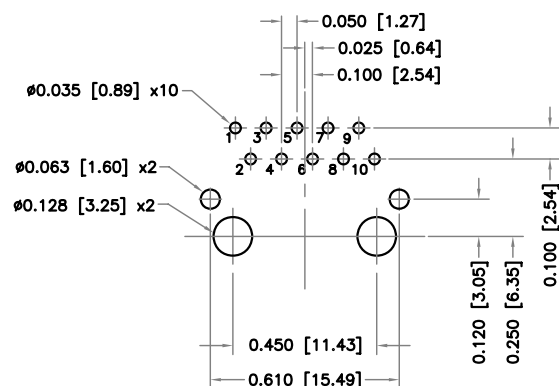
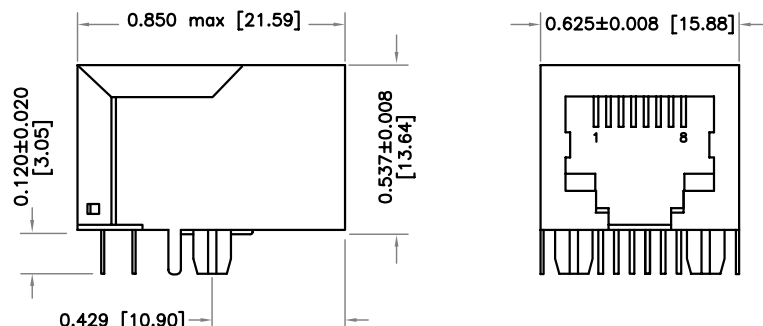
Leads: Matte Sn over Ni plating
 Shield: Cu Alloy with Ni plating 40μin min
 Durability: 1000 mating cycles
 Dimensions: Inch [mm]
 Tolerances: ±0.008 inch if not specified

**PART NO. : HFJ11-RPE36E-S1RL**

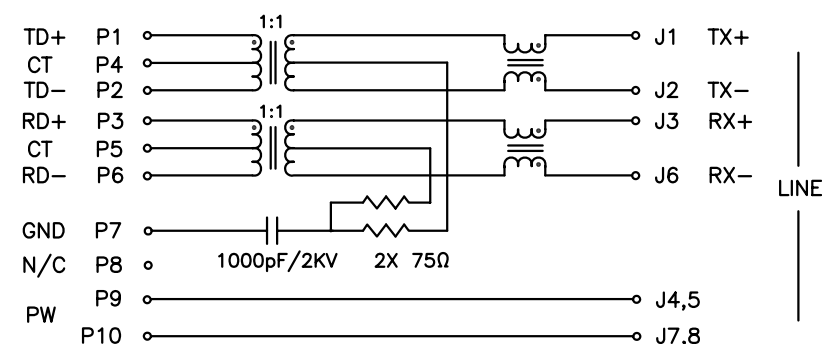
FASTJACK™ WITH 10/100BASE-TX MAGNETICS
 DESIGNED FOR FAST ETHERNET PoE APPLICATIONS
 REMOTE POWER FEED (UNUSED PAIRS) UP TO 1.5ADC CURRENT
 RoHS COMPLIANT
 UL/EN60950 RECOGNIZED
 EXTENDED OPERATING TEMPERATURE -40/+85°C

ELECTRICAL SPECIFICATIONS @ 25° C

URNS RATIO	1CT:1 ±3%
OCL (100KHz,0.1Vrms,8mA)	350μH min
DCR P1-P2,P3-P6	1.0Ω 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)

**HALO/PBL**

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

TITLE	FastJack™ SINGLE	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	PoE (FAST ETHERNET)	DRAWN	PETER LU	5/23/07	A	FIRST ISSUE
PART NO.	HFJ11-RPE36E-S1RL	CHECKED	LEI KEONG	5/23/07		
SCALE	NONE	APPROVED	PETER LU	5/23/07		
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