

PART NO. : HFJV1-1G16RL



FASTJACK™ (TOP-ENTRY) WITH 1000BASE-T MAGNETICS
DESIGNED FOR GIGABIT ETHERNET IEEE802.3ab APPLICATIONS

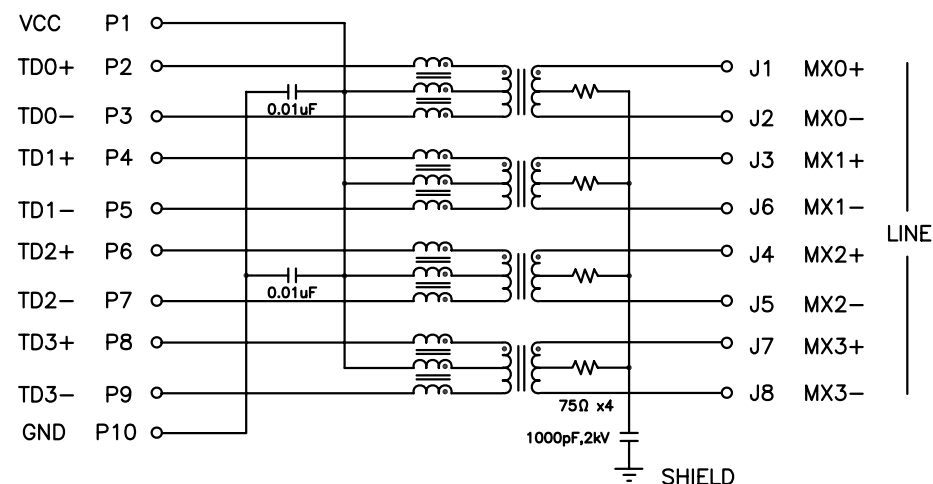
RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

Turns Ratio	1:1 ±3%
OCL (100KHz,0.1V,8mA)	350μH min
Insertion Loss 1–100MHz	–1.1dB max
Return Loss 1–40MHz	–18dB min
60MHz	–14dB min
80MHz	–12dB min
100MHz	–10dB min
Crosstalk 1–100MHz	–35dB typ
CMR 0.1–30MHz	–38dB typ
30–60MHz	–35dB typ
60–100MHz	–30dB typ
Isolation	1,500Vrms



HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ SINGLE VERTICAL

FOR GIGABIT ETHERNET

PART NO. HFJV1-1G16RL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE HFJV11G16RL.DWG

DATE

4/20/07

10/15/09

10/15/09

REV.

A

B

DESC.

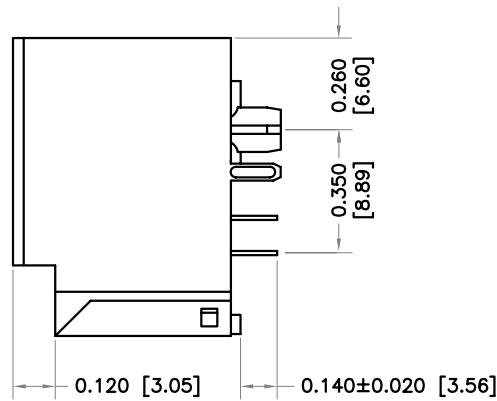
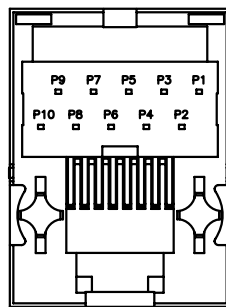
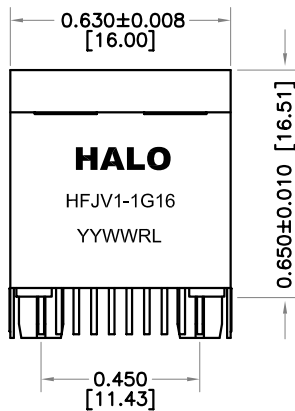
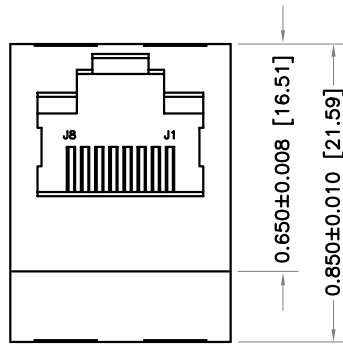
FIRST ISSUE

PROD. RELEASE

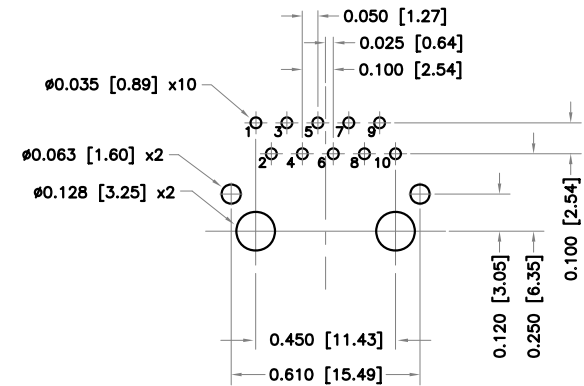
DATE

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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



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

HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

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FOR	GIGABIT ETHERNET	DRAWN	PETER LU	4/20/07	A	FIRST ISSUE
PART NO.	HFJV1-1G16RL	CHECKED	LEI KEONG	10/15/09	B	PROD. RELEASE
SCALE	NONE	APPROVED	PETER LU	10/15/09		
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