

PART NO. : HFJV1-1G16-L12RL



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

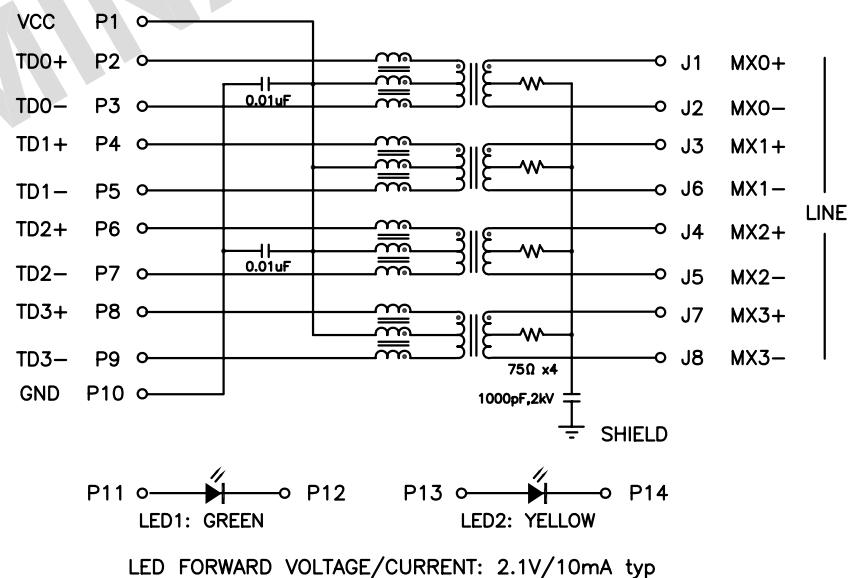
RoHS COMPLIANT

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. HFJV1-1G16-L12RL

SCALE NONE

PAGE 1 OF 2

SIGNATURES

DRAWN PETER LU

CHECKED LEI KEONG

APPROVED PETER LU

FILE HFJV11G16-L12RL.DWG

DATE

10/15/09

10/15/09

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REV.

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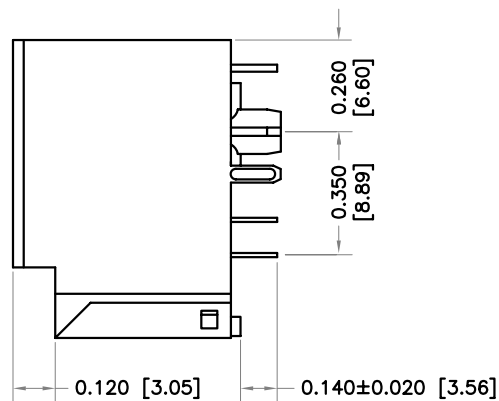
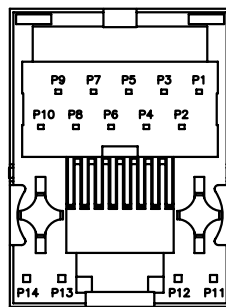
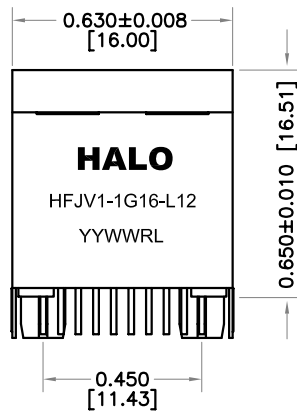
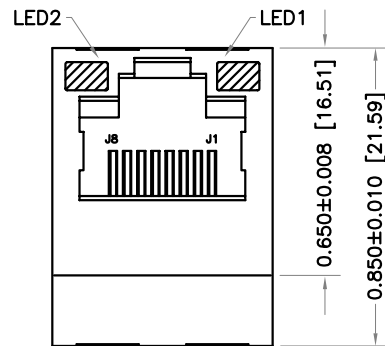
DESC.

FIRST ISSUE

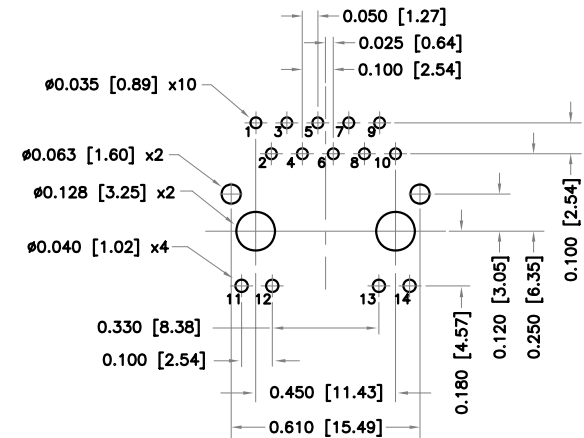
HALO®
US

DATE

10/15/09



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

TITLE	FastJack™ SINGLE VERTICAL	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN	PETER LU	10/15/09	A	FIRST ISSUE
PART NO.	HFJV1-1G16-L12RL	CHECKED	LEI KEONG	10/15/09		
		APPROVED	PETER LU	10/15/09		
SCALE	NONE	FILE	HFJV11G16-L12RL.DWG			
PAGE	2 OF 2					