

PART NO. : HFJ14-1G01ER-L11RL

1X4 FASTJACK™ WITH 1000BASE-T MAGNETICS
FOR GIGABIT ETHERNET IEEE802.3ab APPLICATIONS

LEAD-FREE/RoHS COMPLIANT

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

OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @25° C

URNS RATIO	1:1 ±3%
OCL (100KHz,0.1V,8mADC)	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	–50dB typ
30–60MHz	–40dB typ
60–100MHz	–35dB typ
ISOLATION	1,500Vrms

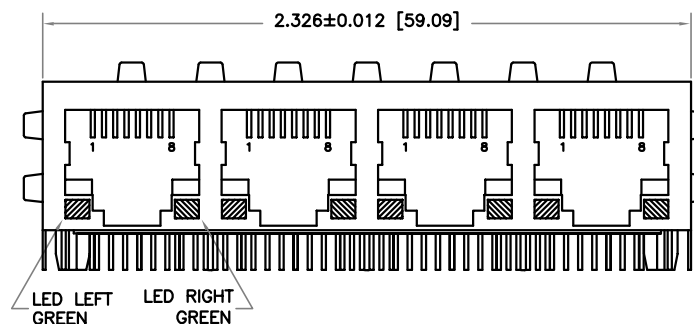
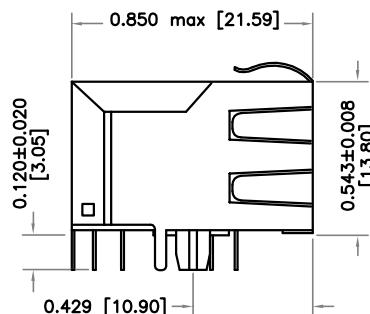
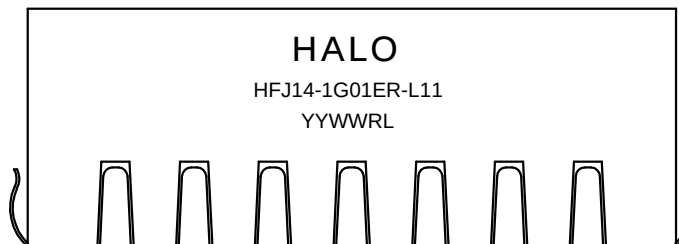
Housing Material: Polyester, Black UL94V-0
Contacts: Phosphor Bronze 30μin Au
plating over Ni

Leads: Matte Sn plating

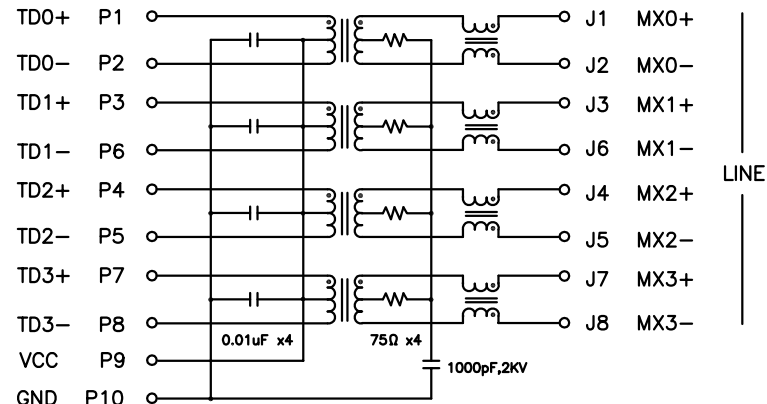
Shield: Cu Alloy with Ni plating 40μin min

Durability: 1000 mating cycles

Dimensions: Inch [mm]



LED FORWARD VOLTAGE/
CURRENT: 2.1V/10mA typ

**HALO/PBL**

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	FastJack™ 1x4	SIGNATURES	DATE	REV.	DESC.	DATE
FOR	GIGABIT ETHERNET	DRAWN	PETER LU	1/25/05	A	
PART NO.	HFJ14-1G01ER-L11RL	CHECKED				
SCALE	NONE	APPROVED				
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