



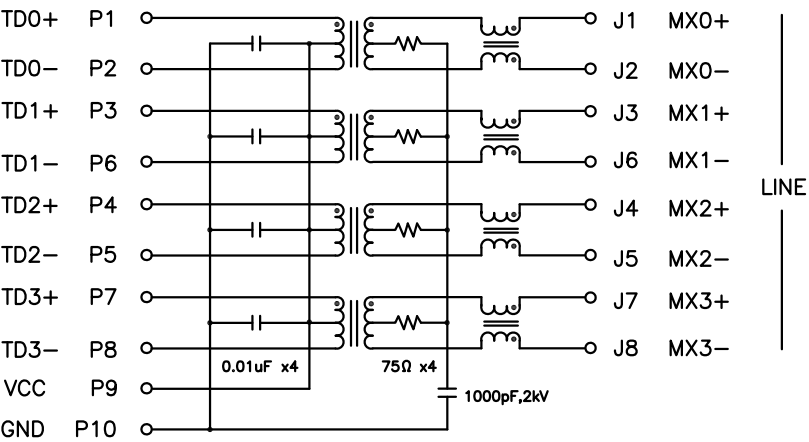
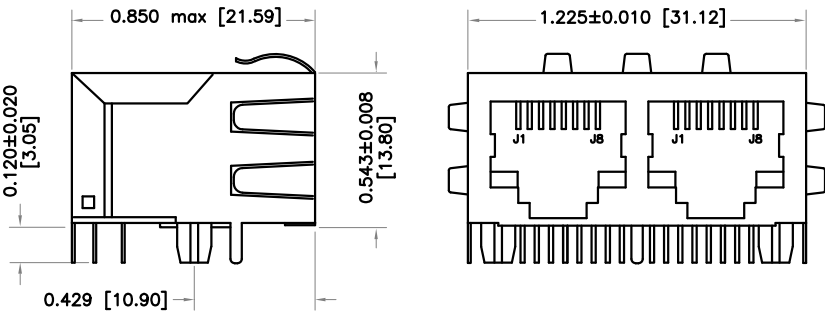
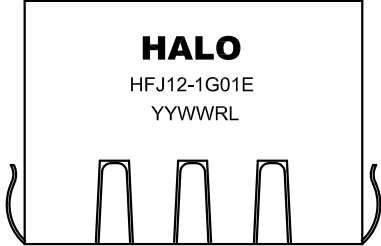
PART NO. : HFJ12-1G01ERL

2-PORT FASTJACK™ WITH 1000BASE-T MAGNETICS
RoHS COMPLAINT
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
FOR THROUGH HOLE COMPONENTS
OPERATING TEMPERATURE 0/70°C

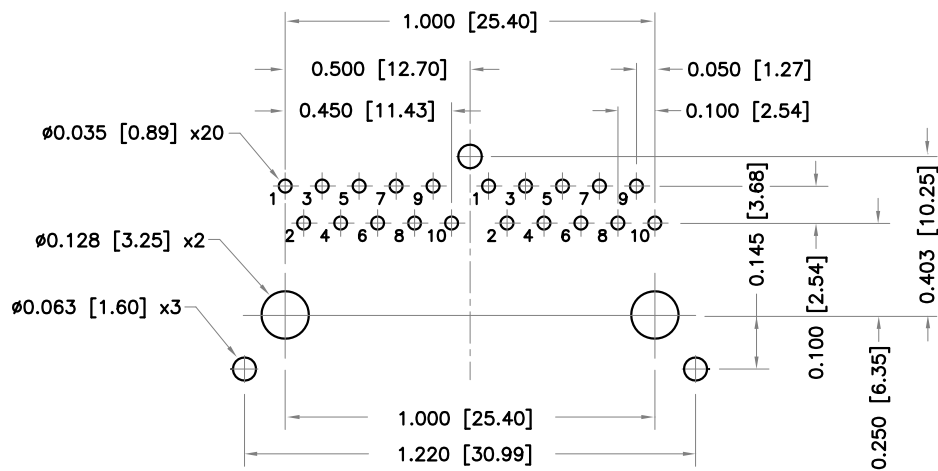
ELECTRICAL SPECIFICATIONS @ 25°C

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 1-30MHz	-50dB typ
30-60MHz	-40dB typ
60-100MHz	-35dB typ
Isolation	1,500Vrms

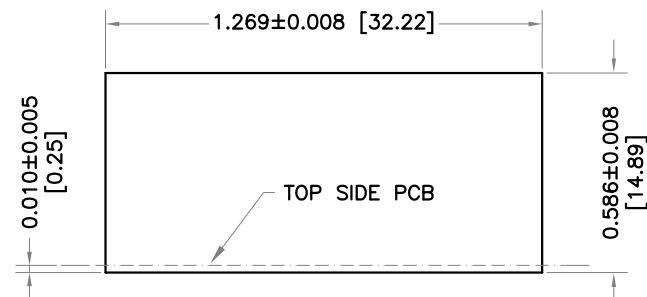
Housing Material: Polyester, Black UL94V-0
Contacts: Phosphor Bronze 30µin Au plating over Ni
Leads: Matte Sn over Ni
Shield: Cu Alloy with Ni plating 40µin min
Durability: 1000 mating cycles
Dimensions: Inch [mm]
Tolerances: ±0.008 inch if not specified



HALO/PBL CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE	TITLE FastJack™ 1X2		SIGNATURES		DATE	REV.	DESC.	DATE
	FOR GIGABIT ETHERNET		DRAWN LI ZHI ZHONG		7/29/05	A	FIRST ISSUE	7/29/05
	PART NO. HFJ12-1G01ERL		CHECKED LEI KEONG		12/4/13	B	PROD. RELEASE	4/13/11
			APPROVED PETER LU		12/4/13	C	CORRECT PCB LAYOUT	12/4/13
	SCALE NONE	PAGE 1 OF 2	FILE FJ121G01ERL.DWG					



RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)
DIMENSIONS: INCH [mm]



RECOMMENDED PANEL CUTOUT

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ 1X2

FOR GIGABIT ETHERNET

PART NO. HFJ12-1G01ERL

SCALE NONE

PAGE 2 OF 2

SIGNATURES

DRAWN LI ZHI ZHONG

CHECKED LEI KEONG

APPROVED PETER LU

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