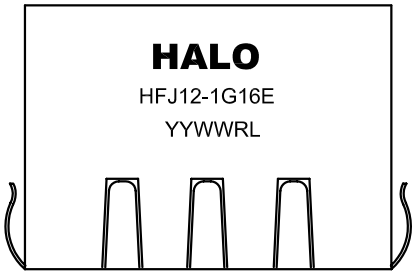
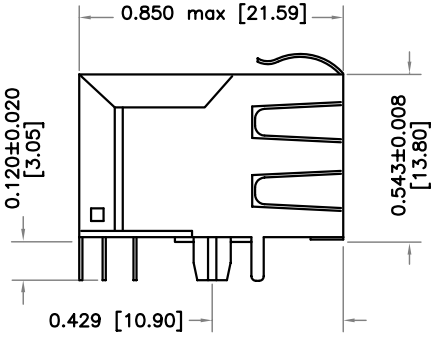
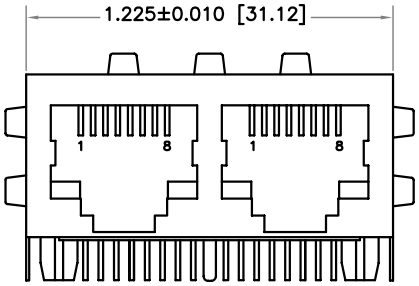
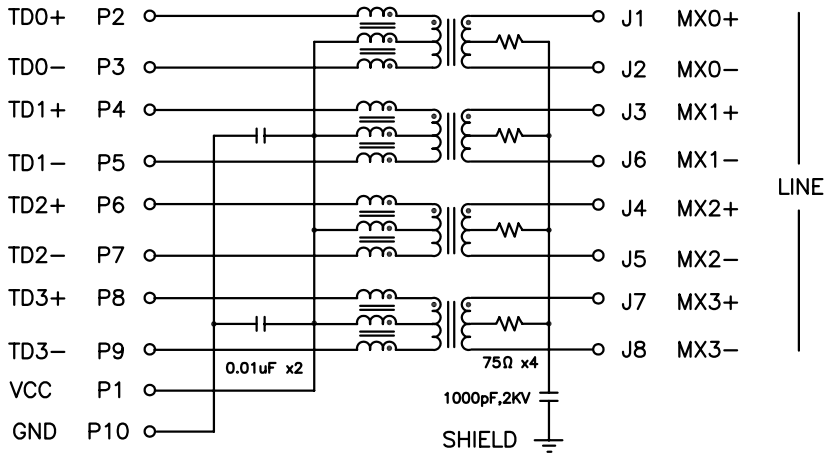
PRELIMINARY

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









RoHS COMPLIANT

PART NO. : HFJ12-1G16ERL

2 PORT FASTJACK™ WITH 1000BASE-T MAGNETICS
DESIGNED FOR IEEE802.3ab GIGABIT APPLICATIONS
LEAD-FREE/RoHS COMPLAINT
COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS FOR THROUGH HOLE COMPONENTS
OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

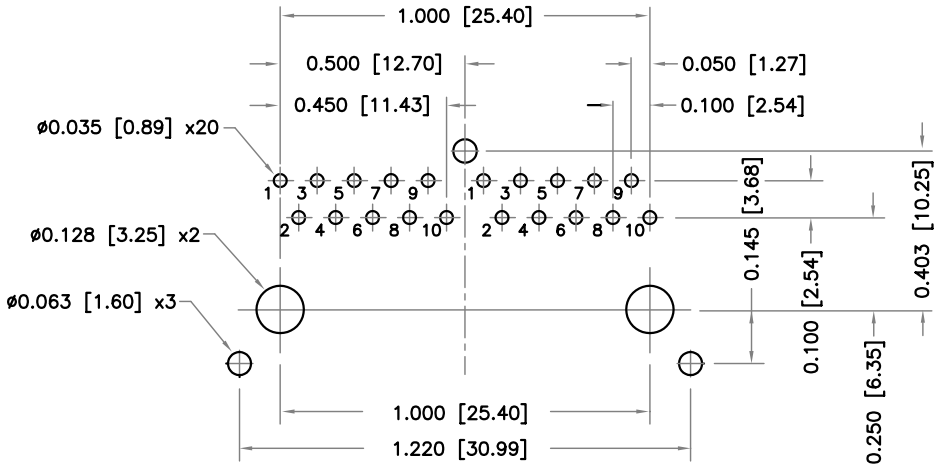
TURNS RATIO	1:1 ±3%
OCL (100KHz,0.1V,8mA)	350µH min
INSERTION LOSS	
1-100MHz	-1.1dB max
RETURN LOSS	
1-40MHz	-18dB min
60MHz	-14dB min
80MHz	-12dB min
100MHz	-10dB min
CROSSTALK 1-100MHz	-35dB typ
CMR 1-30MHz	-38dB typ
30-60MHz	-35dB typ
60-100MHz	-30dB typ
ISOLATION	1,500Vrms

HALO/PBL

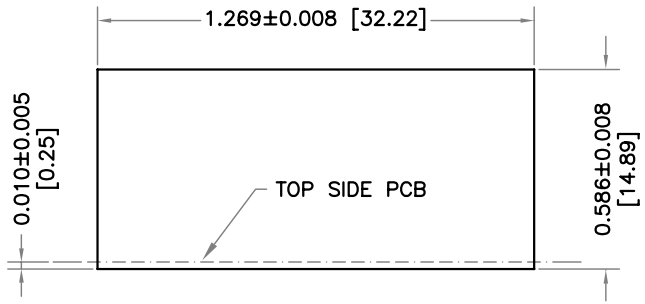
CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	FastJack™ 1X2		
FOR	GIGABIT ETHERNET		
PART NO.	HFJ12-1G16ERL		
SCALE	NONE	PAGE	1 OF 2

SIGNATURES		DATE	REV.	DESC.	DATE
DRAWN	PETER LU	2/1/06	A		
CHECKED					
APPROVED					
FILE	FJ121G16ERL.DWG				



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



RECOMMENDED PANEL CUTOUT

HALO/PBL	TITLE	FastJack™ 1X2	SIGNATURES	DATE	REV.	DESC.	DATE
	FOR	GIGABIT ETHERNET	DRAWN PETER LU	2/1/06	A		
	PART NO.	HFJ12-1G16ERL	CHECKED				
CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE	SCALE NONE	PAGE 2 OF 2	APPROVED				
			FILE FJ121G16ERL.DWG				