PART NO. : HFJ12-LG1GERL

RoHS COMPLIANT
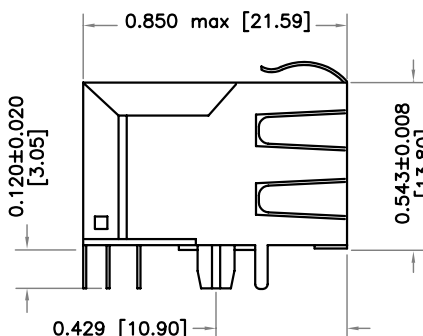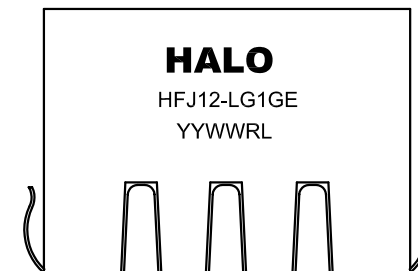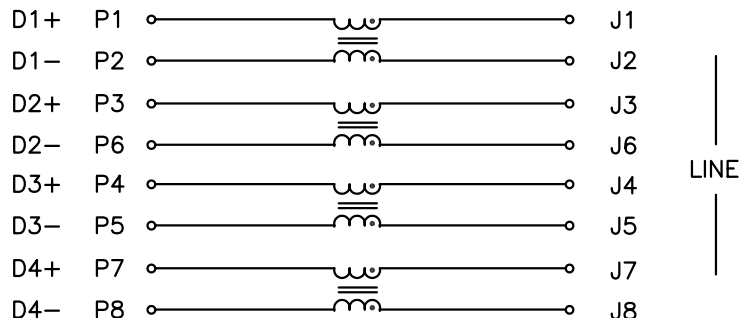
FASTJACK™ WITH BUILT−IN COMMON MODE CHOKES
OPTIMIZED FOR 10/100/1000BASE−T APPLICATIONS
OPERATING TEMPERATURE 0/+70°C

HALO
HFJ12-LG1GE
YYWWRL

ELECTRICAL SPECIFICATIONS @ 25° C

CHOKE OCL	35µH min
WINDING DCR	0.4Ω max
Cw/w	15pF max
WINDING INSOLATION	500Vrms,1minute

0.850 max [21.59]

0.120±0.020 [3.05]

0.543±0.008 [13.80]

1.225±0.010 [31.12]

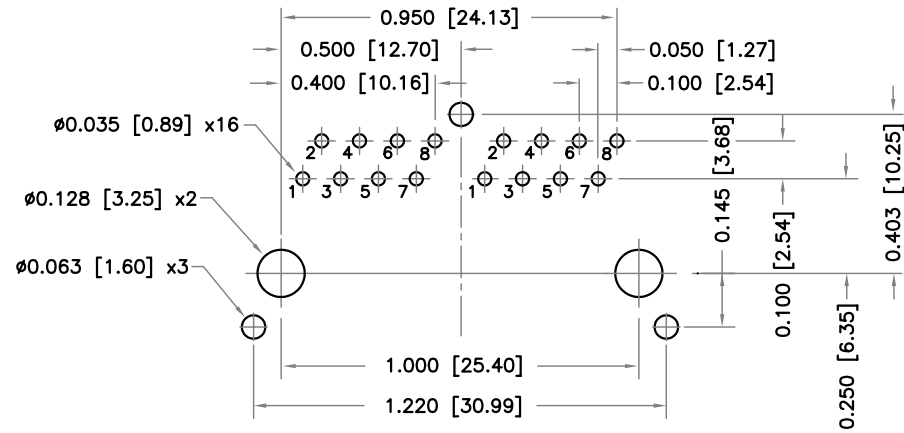1 8   1 8

0.429 [10.90]
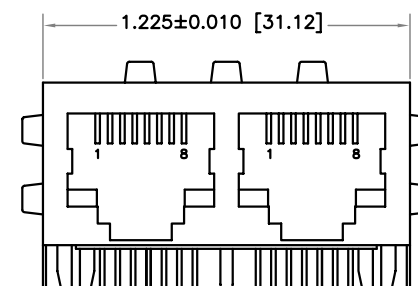
Housing Material: Polyester, Black UL94V−O
Contacts: Phosphor Bronze 30µin Au
      plating over Ni
Leads: Matte Sn over Ni plating
Shield: Cu Alloy with Ni plating 40µin min
Durability: 1000 mating cycles
Dimensions: Inch [mm]
Tolerances: ±0.008 inch if not specified

D1+	P1		J1	
D1−	P2		J2	
D2+	P3		J3	
D2−	P6		J6	
D3+	P4		J4	LINE
D3−	P5		J5	
D4+	P7		J7	
D4−	P8		J8	

HALO/PBL

TITLE	FastJack™ 1X2		SIGNATURES		DATE	REV.	DESC.		DATE
FOR	FAST ETHERNET		DRAWN	PETER LU	5/22/06	A			
PART NO.	HFJ12−LG1GERL		CHECKED						
			APPROVED						
SCALE	NONE	PAGE 1 OF 2	FILE	HFJ12LG1GERL.DWG					

0.950 [24.13]

0.500 [12.70]

0.050 [1.27]

0.400 [10.16]

0.100 [2.54]

Ø0.035 [0.89] x16

0.145 [3.68]

0.403 [10.25]

2 4 6 8   2 4 6 8

1 3 5 7   1 3 5 7

0.100 [2.54]

Ø0.128 [3.25] x2

Ø0.063 [1.60] x3

1.000 [25.40]

0.100 [2.54]

1.220 [30.99]

0.250 [6.35]

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

1.269±0.008 [32.22]

0.010±0.005 [0.25]

TOP SIDE PCB

0.586±0.008 [14.89]
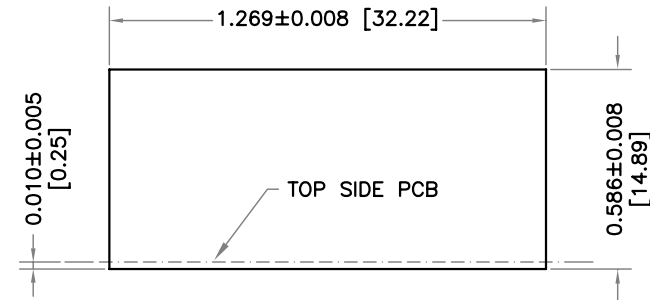
RECOMMENDED PANEL CUTOUT

HALO/PBL	TITLE	FastJack™ 1X2		SIGNATURES	DATE	REV.	DESC.	DATE

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE	FastJack™ 1X2		SIGNATURES		DATE	REV.	DESC.	DATE
FOR	FAST ETHERNET		DRAWN	PETER LU	5/22/06	A		
			CHECKED					
PART NO.	HFJ12-LG1GERL		APPROVED					
SCALE	NONE	PAGE	2 OF 2	FILE	HFJ12LG1GERL.DWG			

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