

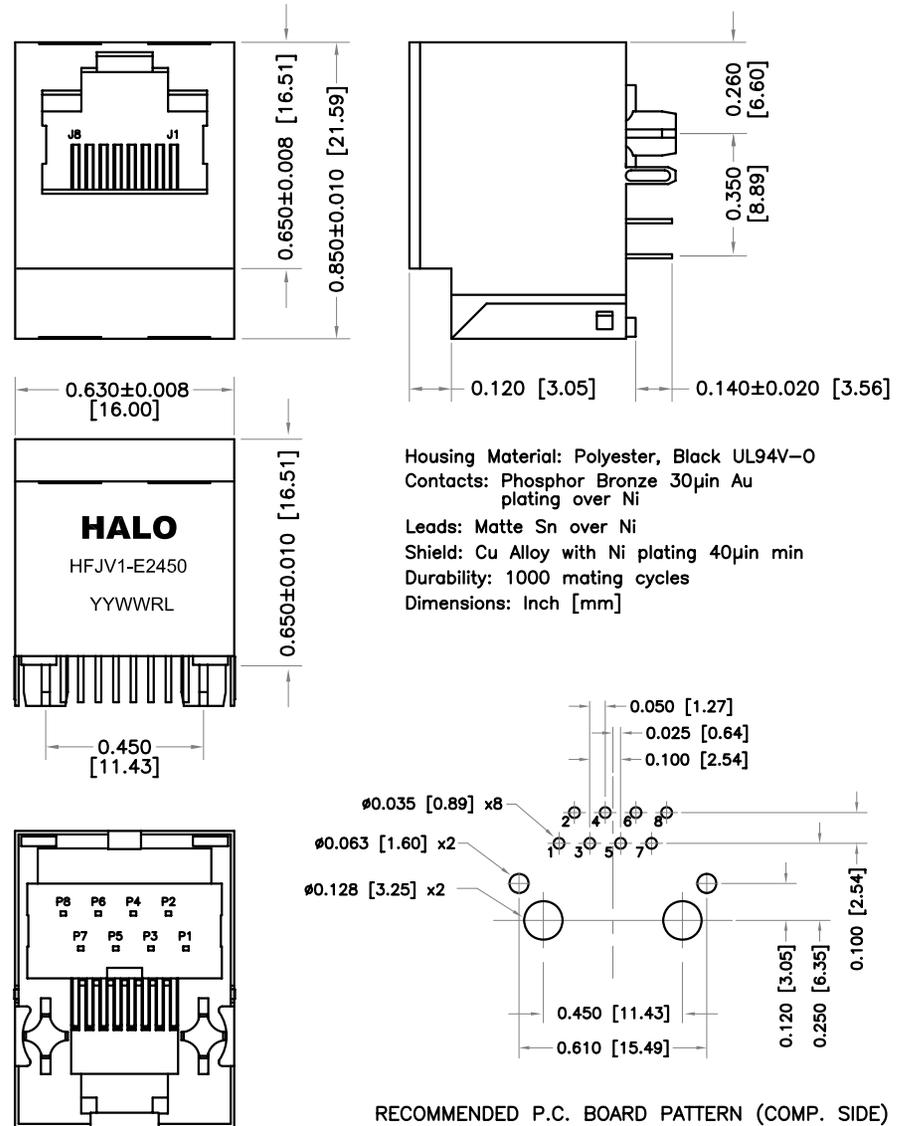
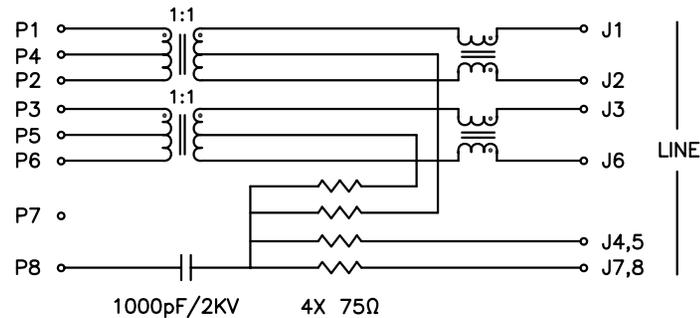
PART NO. : HFJV1-E2450RL

FASTJACK™ IEEE802.3u COMPLIANT MAGNETICS
 RoHS COMPLIANT
 COMPATIBLE TO LEAD-FREE WAVE SOLDERING PROCESS
 FOR THROUGH HOLE COMPONENTS
 EXTENDED OPERATING TEMPERATURE -40/+85°C



ELECTRICAL SPECIFICATIONS @ 25° C

TURNS RATIO	
P1-P2:J1-J2,P3-P6:J3-J6	1CT:1 ±3%
OCL (100KHz,0.1Vrms,8mADC)	
P1-P2,P3-P6	350µH min
INSERTION LOSS	
0.1-100MHz	-1.1dB max
RETURN LOSS	
0.5-30MHz	-18dB min
40MHz	-15.5dB min
50MHz	-13.6dB min
60-80MHz	-12dB min
CROSSTALK 0.1-100MHz	
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 over Ni
 Shield: Cu Alloy with Ni plating 40µin min
 Durability: 1000 mating cycles
 Dimensions: Inch [mm]

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		DRAWN					
	PART NO.		CHECKED					
	SCALE		APPROVED					
	NONE	PAGE	1 OF 1	FILE	HFJV1E2450RL.DWG			