

PART NO. : HFJT1-1G04-L11RL



FASTJACK™ (TABUP) WITH 1000BASE-T MAGNETICS

DESIGNED FOR IEEE802.3ab GIGABIT APPLICATIONS

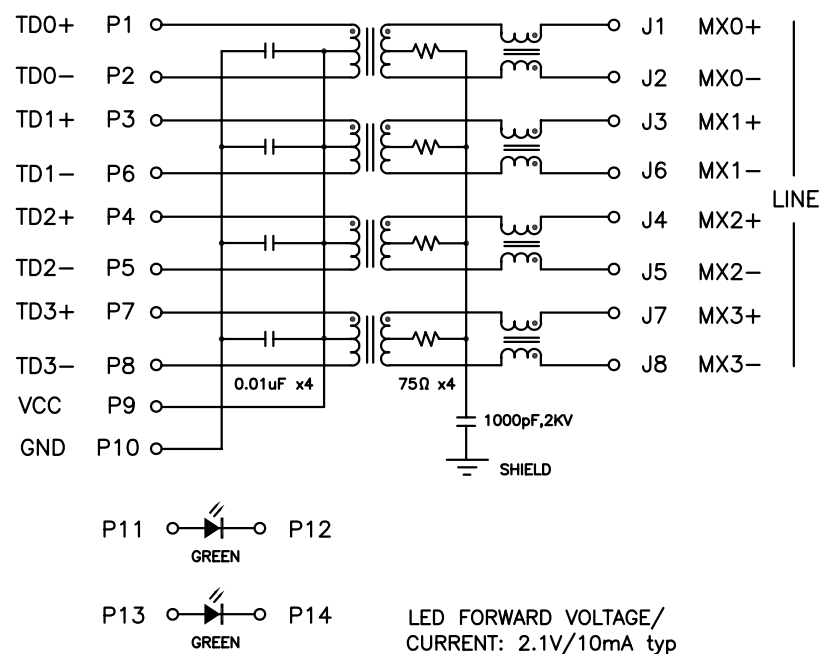
LEAD-FREE/RoHS COMPLIANT

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

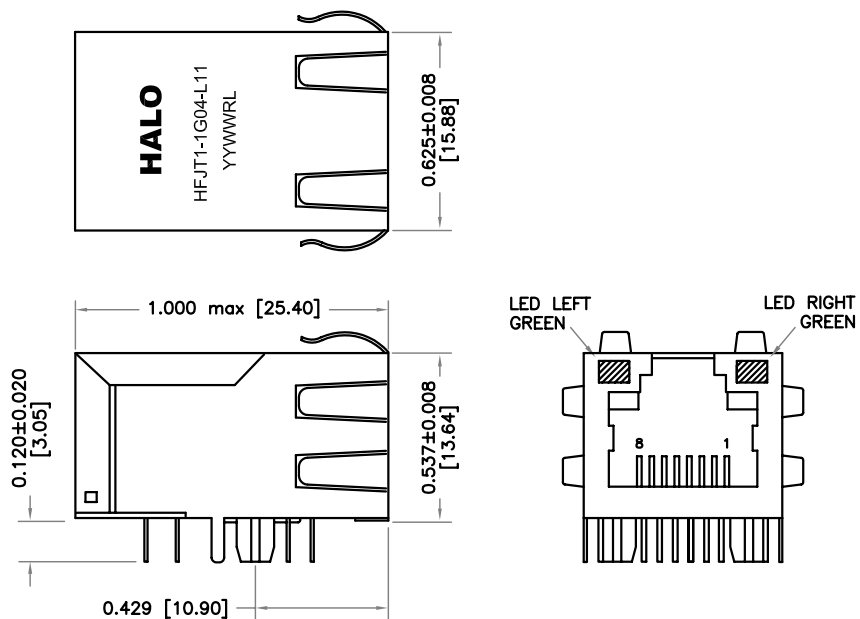
OPERATING TEMPERATURE 0/70°C

ELECTRICAL SPECIFICATIONS @ 25° C

Turns Ratio	1:1 $\pm 3\%$
OCL (100kHz, 0.1V, 8mA)	350 μ H 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



HALO/PBL CALIFORNIA, USA KOWLOON, HONG KONG SINGAPORE	TITLE FastJack™ SINGLE		SIGNATURES		DATE	REV.	DESC.	DATE
	FOR GIGABIT ETHERNET		DRAWN PETER LU		8/8/05	B	UPDATE SCHEMATIC	8/17/05
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Housing Material: Polyester, Black UL94V-0

Contacts: Phosphor Bronze 30μin Au
plating over Ni

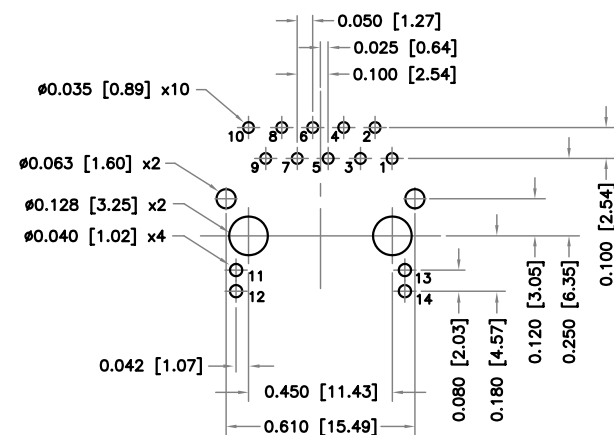
Leads: Matte Sn plating

Shield: Cu Alloy with Ni plating 40μin min

Durability: 1000 mating cycles

Dimensions: Inch [mm]

Tolerances: ±0.008 inch if not specified



RECOMMENDED P.C. BOARD PATTERN (COMP. SIDE)

HALO/PBL

CALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ SINGLE

FOR GIGABIT ETHERNET

PART NO. HFJT1-1G04-L11RL

SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED

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DESC.

UPDATE SCHEMATIC

DATE

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Mouser Electronics

Authorized Distributor

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