

PART NO. : HFJT1-RP44-L12RL

FASTJACK™ WITH 10/100BASE-TX MAGNETICS

COMPLIANT TO IEEE802.3u STANDARDS

DESIGNED FOR PoE, IEEE802.3af APPLICATIONS

POWER ON USED OR UNUSED PAIRS FOR UP TO 350mADC

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**

P1-P3:J1-J2,P4-P6:J3-J6 1CT:1 ±3%

OCL (100KHz,0.1Vrms,8mADC)

P1-P3,P4-P6 350μH min

INSERTION LOSS

0.1-100MHz -1.1dB max

RETURN LOSS0.5-30MHz -18dB min
40MHz -15.5dB min
50MHz -13.6dB min
60-80MHz -12dB min**CROSSTALK 0.1-100MHz**

-40dB typ

CMR 0.1-30MHz

-50dB typ

30-60MHz

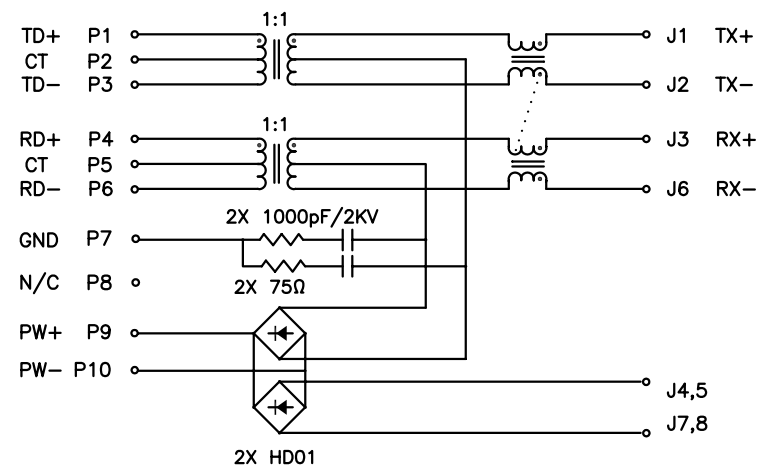
-40dB typ

60-100MHz

-35dB typ

ISOLATION

1,500Vrms



LED FORWARD VOLTAGE/CURRENT: 2.1V/10mA typ

HALO/PBLCALIFORNIA, USA
KOWLOON, HONG KONG
SINGAPORE

TITLE FastJack™ TAB-UP

FOR FAST ETHERNET IEEE802.3af

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SCALE NONE

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SIGNATURES

DRAWN PETER LU

CHECKED

APPROVED

FILE HFJT1-RP44-L12RL.DWG

DATE

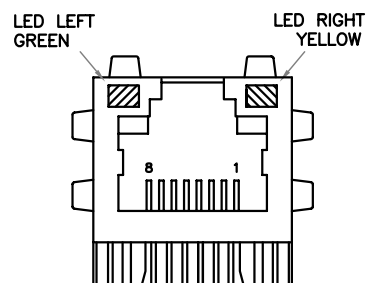
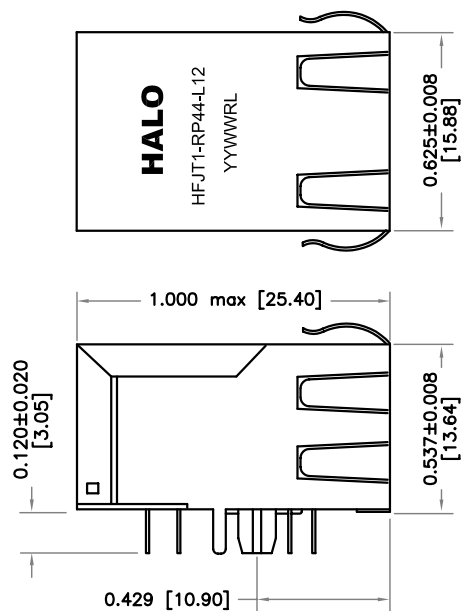
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REV.

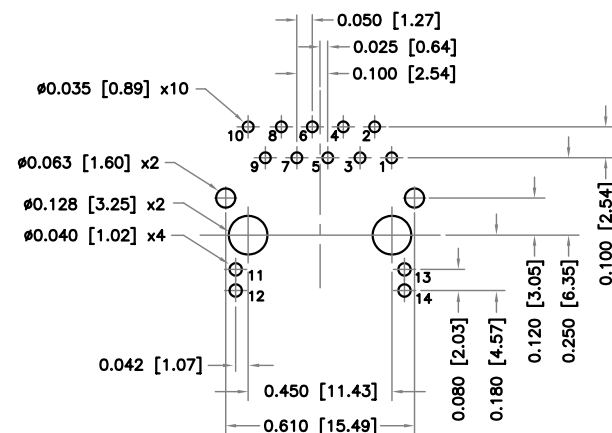
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DESC.

DATE



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



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

HALO/PBL

CALIFORNIA, USA
 KOWLOON, HONG KONG
 SINGAPORE

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