ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO
TP1: 1CT : 1CT ±2%
TP2: 1CT : 1CT ±2%
TP3: 1CT : 1CT ±2%
TP4: 1CT : 1CT ±2%

DCL @ 100kHz/100mVRMS
(-40°C - +85°C) 180μH MIN.
19μA DC BIAS (-40°C - +85°C) 120μH MIN.

INS. LOSS
1MHz TO 150MHz -0.004(fMHz)-0.4 dB MAX

RET. LOSS
1MHz-40MHz -20 dB MIN
40MHz-150MHz -20+15LOG(f/40MHz) dB MIN

CROSSTALK
1MHz - 40MHz -35 dB MIN
40MHz-150MHz -35+15LOG(f/40MHz) dB MIN

CM TO CM REJ
1MHz - 150MHz -25 dB MIN

HIPOT (Isolation Voltage): 2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH
IEEE 802.3 ISOLATION REQUIREMENTS.

NOTE: PORT-TO-PORT ISOLATION NOT INCLUDED.

BALANCED DC LINE CURRENT: 500mA MAX. CONTINUOUS
12A MAX. FOR 200 MILLISECONDS

OPERATING TEMPERATURE: -40°C TO +85°C
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SUGGESTED PANEL OPENING

NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION.
IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-D1 (TOP)
0200-9999-D2 (BOTTOM)

PACKING QUANTITY : 10 PCS FINISHED GOODS PER TRAY,
5 TRAYS (50 PCS FINISHED GOODS) PER CARTON BOX.

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX,
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY
SANDY LIN
DATE 2021-04-14

DRAWN BY
RUAN WENJUN
DATE 2021-04-14

TITLE 2x8 2.5 Gigabit MagJack®
4P4E(EXTENDED TEMPERATURE)
0854-2X8J-JDB-F
PATENTED

PART NO. / DRAWING NO.
08542X8JJDBF
08542X8JJDBF_A.DWG

STANDARD DIM. TOL. IN INCH [ ] METRIC DIM. AS REF.

FILE NAME
08542X8JJDBF_A.DWG

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

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