LED 1 POLARITY | LED 2 POLARITY
---|---
PIN 17 | PIN 18 | COLOR | PIN 19 | PIN 20 | COLOR
- | + | YELLOW | - | + | ORANGE
- | + | GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO
TP1: 1CT : 1CT ±2%
TP2: 1CT : 1CT ±2%

DCL @ 100kHz/100mVRMS
FOR CHANNEL 1 AND CHANNEL 2
11mA DC BIAS 350µH MIN.
Compliant to IEEE 802.3at specification

INS. LOSS
0.1MHz TO 1MHz -1.1 dB MAX
1MHz TO 65MHz -0.8 dB MAX
65MHz TO 100MHz -1.2 dB MAX

RET. LOSS (MIN)
0.5MHz-40MHz -18 dB
40MHz-100MHz -12+20LOG(f/80MHz) dB

CM TO CM REJ
100kHz - 100MHz -30 dB MIN

CM TO DM REJ
100kHz - 100MHz -35 dB MIN

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

BALANCED DC LINE CURRENT 720 mA MAX. @ 57 VDC CONTINUOUS
1.2 A MAX. @ 57 VDC FOR 200 MILLISECONDS

LED 1
VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.
AD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

LED 2
VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.
AD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP.
ORANGE 2.0V TYP.
ORANGE 610nm TYP.

OPERATING TEMPERATURE: -40°C TO 85°C

10/100 MagJack®
(PoEp, Extended Temperature)
08261X1TGJ-F
PATENTED

PART NO. / DRAWING NO. 08261X1TGJ-F
STANDARD DIM. TOL. IN INCH "X"
FILE NAME 08261X1TGJ-F_D.DWG
UNIT : INCH [mm] SCALE : N/A SIZE : A4

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MECHANICAL SPECIFICATION

NOTES:
PLASTIC HOUSING: THERMOPLASTIC PA, BLACK
FLAMMABILITY RATING UL 94V-0
CONTACTS:
50 MICRO-INC HARD GOLD PLATING OR EQUIVALENT.
30 MICRO-INC MIN NICKEL UNDERPLATE
OUTPUT PINS:
TIN-COATED COPPER WIRE, DIA 0.016 AND DIA 0.018 INCH.
100 MICRO-INC MIN MATTE TIN PINS ARE SOLDER DIPPED.
METAL SHIELD:
NICKEL PLATED ON COPPER ALLOY
(ALL GROUND LEADS ARE SOLDER DIPPED)
MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER,
DATE CODE AND PATENTED.

○ UOS UL RECOGNIZED - FILE #E196366 AND E169987.

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REV. : D  PAGE : 3

PART NO. / DRAWING NO.  STANDARD DIM. [ ] METRIC DIM. AS REF.
08261X1TGJ-F  TOL. IN INCH  UNIT : INCH [mm]
FILE NAME  XX  SCALE : N/A
08261X1TGJ-F_D.DWG  XXX  SIZE : A4

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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-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY: 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

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