ELECTRICAL CHARACTERISTICS @ 25°C

TURN RATIO
TP1: 1:1 30:22%
TP2: 1:1 30:22%
TP3: 1:1 30:22%
TP4: 1:1 30:22%

DC @ 100kHz/100mVRMS (4CHANNEL)
11mA DC BIAS 350μH MIN.
Compliant to IEEE 802.3at specification

INS. LOSS
0.1MHz TO 1MHz -11 dB MAX
1MHz TO 65MHz -0.8 dB MAX
65MHz TO 100MHz -10 dB MAX
100MHz TO 125MHz -12 dB MAX

RET. LOSS (MIN)
0.5MHz-40MHz -20 dB
40MHz-100MHz -120-120Lg(f/80MHz) dB

CM TO CM REJ
10kHz - 100kHz -30 dB MIN

CM TO DM REJ
10kHz - 100kHz -35 dB MIN

HIPOT (Solution 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
12 A MAX. @ 57 VDC FOR 200 MILLISECONDS

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

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

OPERATING TEMPERATURE: -40°C TO 85°C

REV.: D  PAGE: 2
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK
FLAMMABILITY RATING UL 94V-0

CONTACTS:
50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
30 MICRO-INCH MIN NICKEL UNDERPLATE.

OUTPUT PINS:
TIN-COATED COPPER WIRE, DIA 0.016 AND DIA 0.018 INCH.
100 MICRO-INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.

METAL SHEILD:
NICKEL PLATED COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER,
   DATE CODE AND PATENTED.

UL RECOGNIZED - FILE #E196366 AND E169987.
2. THE PRODUCT IS RoHS COMPATIBLE.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

4. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS
   U.S. PAT. 7,123,117.

5. THE PART IS RECOMMENDED FOR WAVE SOLDERING.
   THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS
   260°C MAX AND 10 SECONDS MAX.

PART NO. / DRAWING NO. 08261X1TGH-F
FILE NAME 08261X1TGH-F_D.DWG
NOTES
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.
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)