ELECTRICAL CHARACTERISTICS @ 25°C

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

DCL @ 100kHz/100mVRMS (4CHANNEL)
(-40°C - 85°C) 180µH MIN.
19mA DC BIAS (-40°C - 85°C) 120µH MIN.

RET. LOSS (MIN)
1MHz-40MHz -18 dB MIN
40MHz-250MHz -17+10LOG10(f/40MHz) dB MIN

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

BALANCED DC LINE CURRENT 600mA MAX. CONTINUOUS
1.2A MAX. FOR 200 MILLISECONDS

LED 1
VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.
ORANGE 2.0V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP.
ORANGE 605nm TYP.

OPERATING TEMPERATURE: -40°C TO +85°C.
MECHANICAL SPECIFICATION

2. THE PRODUCT IS RoHS Compliant.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 6B SUBPART F.


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

NOTES:
PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK.
FLAMMABILITY RATING UL 94V-0
CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKEL OR TIN PLATED COPPER ALLOY.
0.2MM THICK STAINLESS STEEL.
(ALL GROUND LEADS ARE SOLDER DIPPED)
MARK PART WITH MFG. LOGO, MFG. NAME AND "PATENTED".

ORIGINATED BY
ANTON LIAD
DATE 2019-03-29

DRAWN BY
SANDY LIN
DATE 2019-03-29
NOTES:
5. LABEL IS LOCATED IN THE APPROXIMATE AREA SHOWN.

THE CONTENTS ON LABEL ARE BAR CODE OF PART NUMBER,
PART NUMBER, BAR CODE OF DATE CODE, DATE CODE, BEL LOGO,
COUNTRY OF ORIGIN AND AGENCY APPROVAL LOGO.
THE GROUNDING TAB OF CONNECTOR IS ON THE TOP OF HATCHED AREA. IT IS RECOMMENDED THIS AREA TO BE CLEAR OF ANY COMPONENT AND CIRCUIT TRACE EXCEPT GROUNDING TRACE.

DETAIL A

NOTES:
THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD. (EXCEPT FOR GROUNDING OR LED LAYOUT)

ORIGINATED BY ANTON LIAD
DATE 2019-03-29

DRAWN BY SANDY LIN
DATE 2019-03-29

PART NO. / DRAWING NO. G04-4N1A129A

FILE NAME G04-4N1A129A_B.DWG

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

UNIT : INCH [mm]

SCALE : N/A

SIZE : A4

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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: 0200M9999-J9 (TOP)
0200M9999-J8 (BOTTOM)

PACKING QUANTITY: 16 PCS FINISHED GOODS PER TRAY
10 TRAYS (160 PCS FINISHED GOODS) PER CARTON BOX

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