

Excellent Integrated System Limited

Stocking Distributor

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[Bel Fuse Inc.](#)
[1-6605832-1](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

MATERIALS:

- HOUSING - THERMOPLASTIC PET POLYESTER FLAMMABILITY RATING UL 94V-0
- SHIELD - 0.010" THICK, C26800 BRASS PREPLATED WITH 30μM INCH MIN SEMI-BRIGHT NICKEL, SOLDER TABS STOP DIPPED WITH 100μM INCH MIN SAC SOLDER
- MOD JACK CONTACTS - 0.0157" x 0.018" PHOSPHOR BRONZE, 50μM INCH MIN OVERALL NICKEL UNDERPLATE, WITH SELECT 500μM INCH MIN HARD GOLD FINISH PLATE.
- SOLDER TABS WITH 100μM INCH MIN MATTE TIN AND/OR SAC SOLDER DIP.

4. RJ45 JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS PART 68, SUB PART F.

MAGNETICS

- IMPEDANCE - 100 OHMS
- TURNS RATIO (CHP. CABLE): TX + 1, RX + 1
- OPEN CIRCUIT INDUCTANCE (LO): 350μH MIN @100kHz, 0.1VRMS, 8mADC BIAS FROM 0°C TO 70°C, TX AND RX
- POE CURRENT: 350mADC MAX
- PERFORMANCE @ 25°C
- INSERTION LOSS (IL): 1dB MAX FROM 0.5MHz TO 100MHz
- RETURN LOSS (RL): 18dB MIN FROM 0.5MHz TO 30MHz
- 18-20LOG(I)/30dB MIN FROM 30.1MHz TO 60MHz
- 12dB MIN FROM 60.1MHz TO 80MHz
- CROSSTALK ATTENUATION: 35dB MIN FROM 0.5MHz TO 40MHz
- 33-20*LOG(SR)/30dB MIN FROM 40.1MHz TO 100MHz
- COMMON MODE REJECTION RATIO (CMRR): 30dB MIN FROM 0.5MHz TO 100MHz
- ISOLATION VOLTAGE:500VAC (MAX) AT 60Hz FOR 60 SECS.

4. OPERATING TEMPERATURE FROM 0°C - -70°C.

LEDS WITH BUILT-IN-RESISTOR

LEDS ARE DRIVEN WITH 5V LOG VOLTAGE AND THE MAX OPERATING CURRENT IS 20mA.

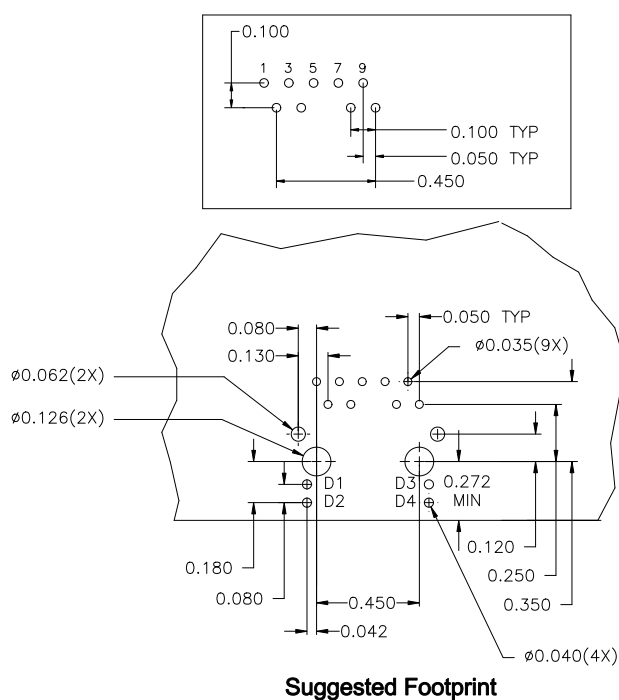
LED COLOR : DOMINANT WAVELENGTH (ADI): GREEN 568 nm TYP. @ VF=5V
FORWARD CURRENT (IF): GREEN 12 mA TYP. @ VF=5V
DOMINANT WAVELENGTH (ADI): YELLOW 588 nm TYP. @ VF=5V
FORWARD CURRENT (IF): YELLOW 13 mA TYP. @ VF=5V

6. INDICATED CONNECTIONS ARE FOR NIC CONFIGURATION. THE MAGNETICS ARE SYMMETRIC TO SUPPORT AUTO-MDIX/MDIX.

TRIP CONNECTOR LOGO, PART NUMBER, DATE CODE, COUNTRY OF ORIGIN AND AGENCY APPROVAL MARKING IN APPROXIMATE LOCATION SHOWN.

8. THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS, PEAK WAVE SOLDERING TEMPERATURE IS 265°C MAX, 10 SECONDS MAX.

[illegible]

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