ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

TP1:1 ICT:1 ICT
TP2:1 ICT:1 ICT
TP3:1 ICT:1 ICT
TP4:1 ICT:1 ICT

INS. LOSS (MAX)
1 MHz to 20 MHz: -0.8 dB
50 MHz: -1.0 dB
200 MHz: -1.2 dB
400 MHz: -2.0 dB
500 MHz: -3.0 dB

RET. LOSS (MIN) @ 100 OHMS
1 MHz < f < 40 MHz: 16 dB MIN
40 MHz < f < 400 MHz: 16 - 10 LOG(f/40 MHz) dB
400 MHz < f < 3000 MHz: 6 - 30 LOG(f/400 MHz) dB

CM TO CM (RF): 1 MHz - 500 MHz: -25 dB MIN
CM TO DM (REJ): 1 MHz - 500 MHz: -25 dB MIN

HIPU (Isolation Voltage): 2250 VDC
100% OF PRODUCTION TESTED TO COMPLY WITH
IEC 602.3 ISOLATION REQUIREMENTS.

BALANCED DC LINE CURRENT 500mA MAX. CONTINUOUS.
1.2A MAX. FOR 200 MILLISECONDS.

OPERATING TEMPERATURE: -40°C TO +85°C.
NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK.

FLAMMABILITY RATING UL 94V-0

CONTACT PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.

100 MICRO INCH MIN MATTE TIN. PINS ARE SOLDER DIPPED.

METAL SHIELD: NICKEL PLATED UN COPPER ALLOY.

(ALL GROUND LEADS ARE SOLDER DIPPED)

1. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS,
PART 68 SUBPART F.

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

3. THE PRODUCT IS RoHS COMPLIANT.

UL RECOGNIZED - FILE #E169987.

THE PRODUCT IS PATENTED.

"PATENTED" MARKING IS ON THE TOP SURFACE.

THE PATENT NUMBER ARE U.S. PAT. 7,429,195 & U.S. PAT.

5. THE AXIAL RETENTION FORCE OF RJ PORT IS 15LBS MIN.

6. THE FINISHED GOODS IS WITHOUT SMD LED. THE SMD LED IS
PROVIDED BY CUSTOMER HERSELF, AND THE SMD LED IS
MOUNTED ON CUSTOM PCB.

7. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE
SUGGESTED PFAK WAVE SOLDERING CONDITION IS 260°C MAX
AND 10 SEC UNDS MAX.
**SUGGESTED FOOTPRINT**

*COMPLEMENTARY SIDE VIEW*

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**PART NO. / DRAWING NO.**
G28-D8NV-011B

**FILE NAME**
G28-D8NV-011B_D.WG

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**RoHS**

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**Recommended PCB front edge.**
NOTE:

1. 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.

2. RECOMMENDED COMPRESSION OF THE FLEXIBLE GASKET MATERIAL OF 25%.

3. RECOMMENDED FLEXIBLE GASKET THICKNESS BEFORE COMPRESSION IS 0.013 INCH.

4. THE FIXITITE GASKET CAN BE APPLIED SEPARATELY VIA PART NUMBER M6017MN.

PACKING INFORMATION

PACKING TRAY: 0200-9999-D1 (TOP)
0200-9999-D9 (BOTTOM)

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

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