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DC002(2)120214

ELECTRICAL CHARACTERISTICS @ 25°C



| SCHEMA | ATIC |
|---|-----------|
| CHIP SIDE | LINE SIDE |
| TD+ 1 • 1CT : 1CT | 16 TX+ |
| TCT 2 € | 15 TXCT |
| TD- 3 | 14 TX- |
| 4 • | •13 |
| 5 • | • 12 |
| RD+ 6 - 1CT : 1CT | 11 RX+ |
| RCT 7 • | 10 RXCT |
| RD- 8 • · · · · · · · · · · · · · · · · · · | 9 RX- |

TURNS RATIO PIN 1-2-3 : 16-15-14 1CT : 1CT PIN 6-7-8 : 11-10-9 1CT : 1CT □CL (0°~70°C) 350 μ H MIN. Tx PIN 1-3 DPEN 16-14 @ 100kHz. 100mVrms R× PIN 6-8 DPEN 11-9 WITH 8mA DC BIAS LEAKAGE INDUCTANCE, LI $0.30 \mu H MAX.$ Tx PIN 1-3 SHORT 16-14 @ 1MHz, 20mV Rx PIN 6-8 SHORT 11-9 INTERWINDING CAPACITANCE, Cw/w 30 pF MAX. @ 1MHz, 20mV Tx PIN 1-3 TO 16-14 Rx PIN 6-8 TD 11-9 DCR PIN (1-3); (6-8) 1.1 □hm MAX. INSERTION LOSS 1.2 dB MAX. 1 MHz T□ 100 MHz RETURN LOSS 1 MHz - 30 MHz 18 dB MIN. 30 MHz -60 MHz $18-20 L\Box G (f/30MHz)$ 60 MHz - 80 MHz 12 dB MIN. COMMON TO DIFFERENTIAL 35 dB MIN. 100 kHz - 100 MHz CROSSTALK 35 dB MIN.

| | | | | | | REV. : A |
|---------------|------------|-----------------------|------------------------|---------------|-------------------------|----------|
| ORIGINATED BY | DATE | TITLE | PART NO. / DRAWING NO. | STANDARD DIM. | [] METRIC DIM. AS REF. | S.Fax. |
| Alice Pang | 2021-01-26 | VOID INTEDEACE MODULE | \$558-5500-25-F | TOL. IN INCH | UNIT : INCH [mm] | |
| DRAWN BY | DATE | VOIP INTERFACE MODULE | FILE NAME | .X | SCALE: N/A | |
| 7C Guo | 2021-01-26 | \$558-5500-25-F | \$558550025FA DWG | .XX | SIZE : A4 | POWER |

HIPOT

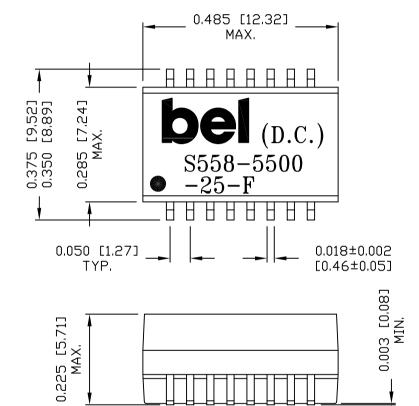
100 kHz - 100 MHz

bel power | protect | connect

PAGE: 2

LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

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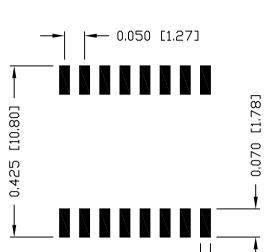


0.35±0.01

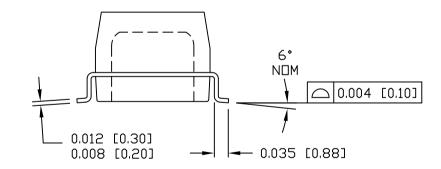
[8.89±0.25]

SUGGESTED PCB PAD LAYOUT

RoHS



0.025 [0.62] -



NOTES:

DC002(2)120214

- 1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- 2. PACKAGE CODE: "QBS001".

| Z. PACKAGE CUDE: QBSUUI. | | | | | | REV. : A | PAGE: 3 | | | |
|--------------------------|------------------|-------|--------------------------------------|------------------------|-----------|-------------------------------|--------------|--------------|--|-------------------|
| ORIGINATED | BY DATE | TITLE | | PART NO. / DRAWING NO. | STAND | ARD DIM. | [] METRIC I | DIM. AS REF. | . See 1889 . ■ | |
| Lawrence | Tsang 2021-01-26 | | MECHANICAL DDAVING | S558-5500-25-F | TOL. | TOL. IN INCH UNIT : INCH [mm] | | [mm] | | 20 |
| DRAWN BY | DATE |] | MECHANICAL DRAWING S558-5500-25-F | FILE NAME | .X .XX | ±0.01 | SCALE: N | /A | A STATE OF THE PARTY OF THE PAR | |
| ZC Guo | 2021-01-26 | | 3330 3300 23 1 | S558550025FA.DWG | .xxx | ±0.005 | ⊕ □ | SIZE : A4 | POWER P | PROTECT CONNECT |

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