ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO
PIN 1-2-3 : 16-15-14
PIN 6-7-8 : 11-10-9
ICT : ICT
ICT : ICT

DCL (0°~70°C)
Tx PIN 1-3 OPEN 16-14
Rx PIN 6-8 OPEN 11-9
350 μH MIN.

@ 100kHz, 100mVRms
WITH 8mA DC BIAS
0.30 μH MAX.

@ 1MHz, 20mV

LEAKAGE INDUCTANCE, LL
Tx PIN 1-3 SHORT 16-14
Rx PIN 6-8 SHORT 11-9
30 pF MAX.

@ 1MHz, 20mV

INTERWINDING CAPACITANCE, Cw/w

Tx PIN 1-3 TO 16-14
Rx PIN 6-8 TO 11-9

DCR
PIN (1-3) ; (6-8)
1.1 Ohm MAX.

INSERTION LOSS
1 MHz TO 100 MHz
1.2 dB MAX.

RETURN LOSS
1 MHz - 30 MHz
18 dB MIN.
30 MHz -60 MHz
18-20 LOG (f/30MHz)
60 MHz - 80 MHz
12 dB MIN.

COMMON TO DIFFERENTIAL
100 kHz - 100 MHz
35 dB MIN.

CROSSTALK
100 kHz - 100 MHz
35 dB MIN.

HIPOT

PER HAND-WORK-03
SUGGESTED PCB PAD LAYOUT

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

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<th>DATE</th>
<th>TITLE</th>
<th>PART NO. / DRAWING NO.</th>
<th>STANDARD DIM. [ ] METRIC DIM. AS REF.</th>
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<td>Lawrence Tsang</td>
<td>2015-01-23</td>
<td>MECHANICAL DRAWING</td>
<td>X558550025-F</td>
<td>TOL. INCH</td>
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<td>ZC Guo</td>
<td>2015-01-23</td>
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