ELECTRICAL CHARACTERISTICS @25°C

TURNS RATIO
Tx (1-2-3) : (16-15-14) 1CT : 1CT
Rx (6-7-8) : (11-10-9) 1CT : 1CT

POLARITY
PER DOT CONVENTION

OCL (–40°C TO +85°C OPERATING TEMP)
TX (16-14) 350μH MIN
RX (11-9) @100kHz, 100mV

LEAKAGE INDUCTANCE, Le
TX (16-14) WITH 1-3 SHORTED 0.35μH MAX
RX (11-9) WITH 6-8 SHORTED @1MHz 20mV

INTERWINDING CAPACITANCE, Cw/w
TX (1-3 TO 16-14) 30pF MAX
RX (6-8 TO 11-9) @1MHz 20mV

DC RESISTANCE
(1-3) = (6-8) 2.00ΩM MAX
(16-14) = (11-9) 1.00ΩM MAX

INSERTION LOSS
@100kHz TO 100MHz 1.0dB MAX

RETURN LOSS (UNDER 100ΩHM ±15% ENVIRONMENT)
@100kHz TO 30MHz 18dB MIN
@30 TO 60MHz 18-20LOG(F/30MHz) dB MIN
@60 TO 80MHz 12dB MIN

COMMON TO COMMON MODE ATTENUATION
@0.1 TO 100MHz 30dB MIN

CROSSTALK
@1MHz 65dB MIN
@3MHz 55dB MIN
@6MHz 45dB MIN
@100MHz 35dB MIN

COMMON TO DIFFERENTIAL MODE ATTENUATION
@0.1 TO 100MHz 40dB MIN

HIPO
1500Vrms
NOTES:
1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
2. PACKAGE CODE: "QBS001".