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RoHS



ELECTRICAL CHARACTERISTICS @25°C

TURNS RATIO

(2-1-3) : (23-24-22)
 (5-4-6) : (20-21-19)
 (8-7-9) : (17-18-16)
 (11-10-12) : (14-15-13)

1CT : 1CT ±2%
 1CT : 1CT ±2%
 1CT : 1CT ±2%
 1CT : 1CT ±2%

POLARITY

PER DOT CONVENTION

OCL

-40°C TO +85°C
 -40°C TO +85°C

100kHz, 100mV
 350uH MIN WITH 11mA DC BIAS
 120uH MIN WITH 19mA DC BIAS

INTERWINDING CAPACITANCE, C_{ww}

@1MHz, 20mV
 30pF MAX

INSERTION LOSS

0.3MHz - 1MHz
 1MHz - 65MHz
 65MHz - 100MHz
 100MHz - 125MHz

1.1dB MAX
 0.8dB MAX
 1.0dB MAX
 1.2dB MAX

RETURN LOSS @100ΩHM

0.5MHz - 40MHz
 40MHz - 100MHz

18dB MIN
 12-20LOG(f/80MHz)dB MIN

CROSSTALK

0.3MHz - 100MHz

33-20LOG(f/100MHz)dB MIN

CM TO CM REJ

0.3MHz - 100MHz

30dB MIN

CM TO DM REJ

0.3MHz - 100MHz

35dB MIN

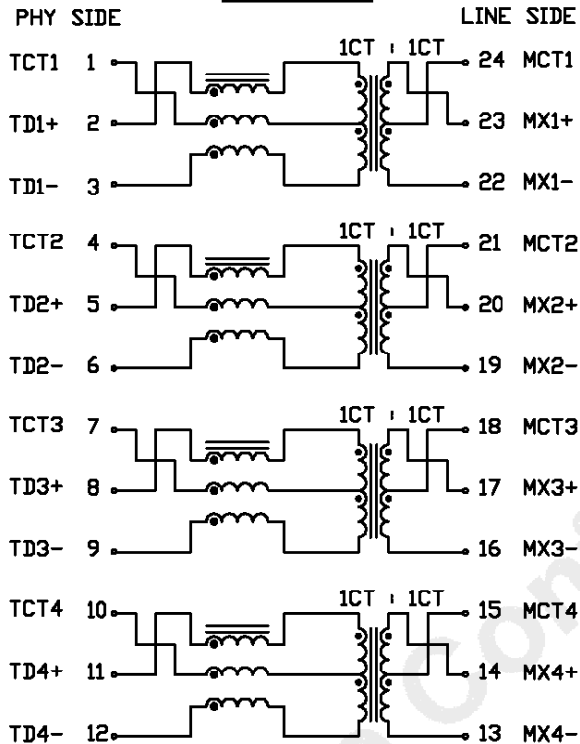
BALANCED DC LINE CURRENT

720mA MAX @57VDC CONTINUOUS
 1.2A MAX @57VDC FOR 200mS

HIPOT

LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

SCHEMATIC



DC RESISTANCE

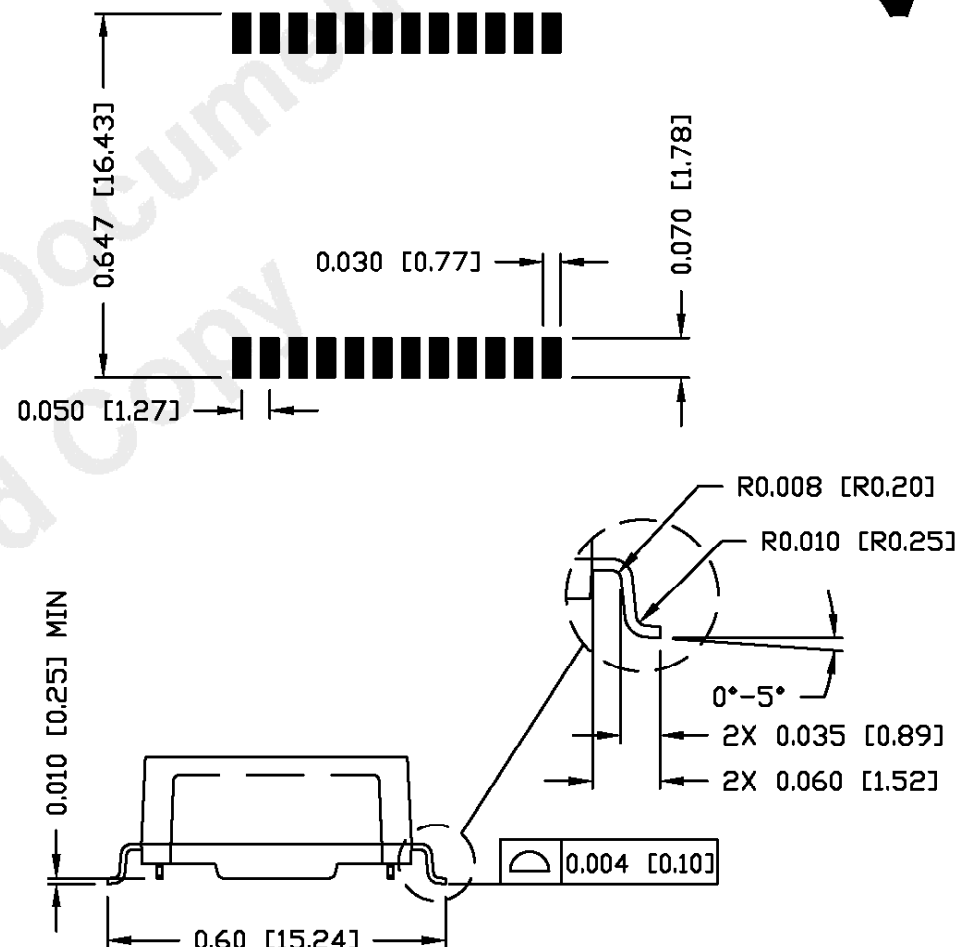
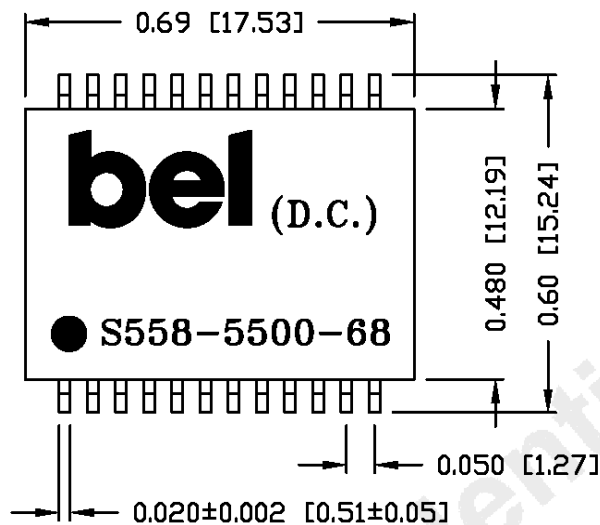
(2-3), (5-6), (8-9), (11-12) 1.00 ΩHM MAX
 (1-3), (4-6), (7-9), (10-12) 0.75 ΩHM MAX
 (23-22), (20-19), (17-16), (14-13) 0.50 ΩHM MAX
 (24-22), (21-19), (18-16), (15-13) 0.30 ΩHM MAX

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.	REV. : D	PAGE : 2
Alice Pang	2020-06-29	ELECTRICAL SPECIFICATION	S558-5500-68	TOL IN INCH	UNIT : INCH [mm]	 POWER PROTECT CONNECT	
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A		
ZC Guo	2020-06-29		S558550068D.DWG	.XX	SIZE : A4		
				.XXX			

RoHS



SUGGESTED PCB PAD LAYOUT



NOTES:

1. STANDARD MARKING REFER TO DDC. HAND-WORK-04.
2. PACKAGE CODE: 'RQS001'.

REV. : C PAGE : 3

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.	[] METRIC DIM. AS REF.
Lawrence Tsang	2015-01-28	MECHANICAL OUTLINE	S558-5500-68	TOL. IN INCH	UNIT : INCH [mm]
DRAWN BY	DATE		FILE NAME	.X	SCALE : N/A
ZC Guo	2015-01-28		S558550068C.DWG	.XX ±0.01	SIZE : A4
				.XXX ±0.005	

