



THE DATASHEET OF
S558-5500-56

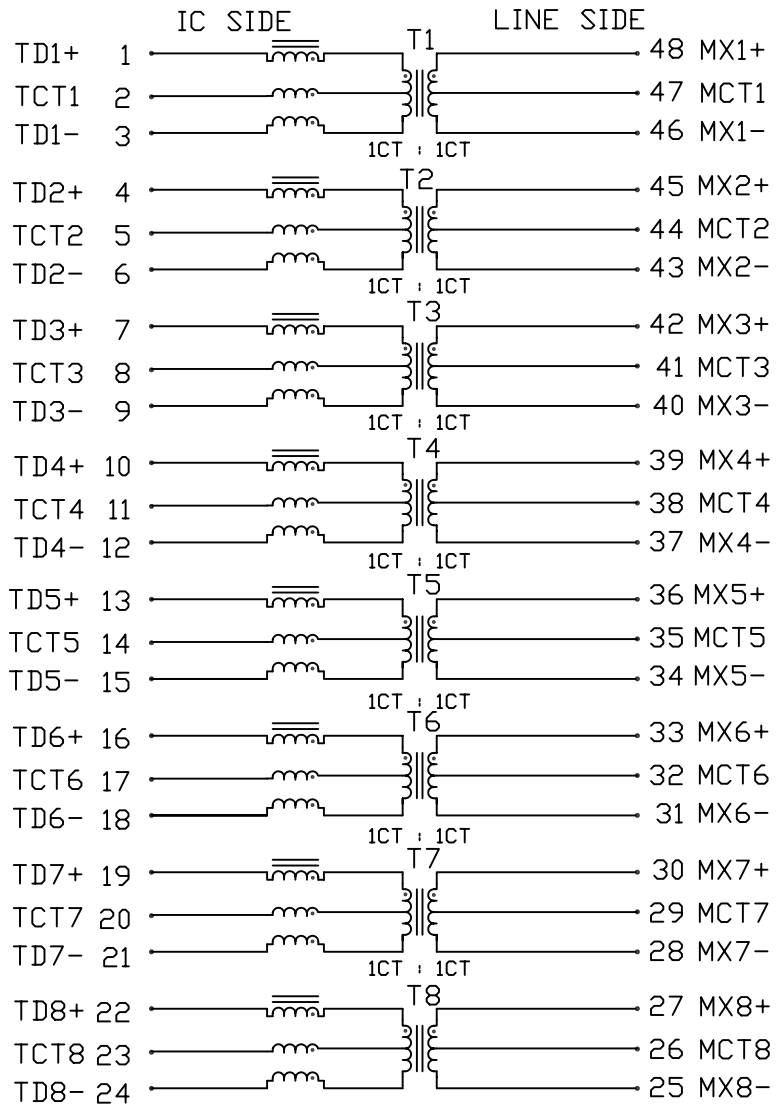


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SCHEMATIC

ELECTRICAL SPECIFICATIONS @25°C



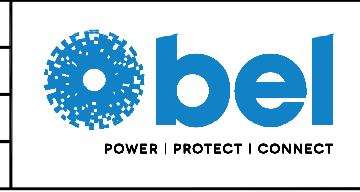
TURNS RATIO IC : LINE	1CT : 1CT
POLARITY	PER DOT CONVENTION
OCL @100kHz, 100mVrms 8mA DC BIAS	350μH MIN.
INSERTION LOSS 0.3MHz TO 100MHz 100MHz TO 125MHz	0.8dB MAX 1.2dB MAX
RETURN LOSS 0.5MHz-40MHz 40MHz-100MHz	18dB MIN 12-20 LOG (F/80MHz) dB MIN
DC RESISTANCE DCR (START-FINISH) DCR 1/2 WDG DCR IMBALANCE	1.15ΩHMS TYP 1.0ΩHMS MAX ±0.065ΩHMS MAX
CROSSTALK 300kHz - 100MHz	33dB MIN
CM TO CM REJ 300kHz - 100MHz	30dB MIN
CM TO DM REJ 300kHz - 100MHz	35dB MIN
HIPOT	1500Vrms
OPERATING TEMPERATURE	0°C TO +70°C

REV. : B PAGE : 2

ORIGINATED BY	DATE	TITLE
Alice Pang	2015-01-26	
DRAWN BY	DATE	
ZC Guo	2015-01-26	ELECTRICAL SPECIFICATION

PART NO. / DRAWING NO.	S558-5500-56
FILE NAME	S558550056B.DWG

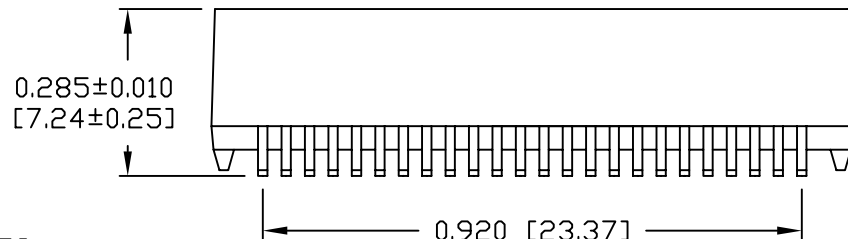
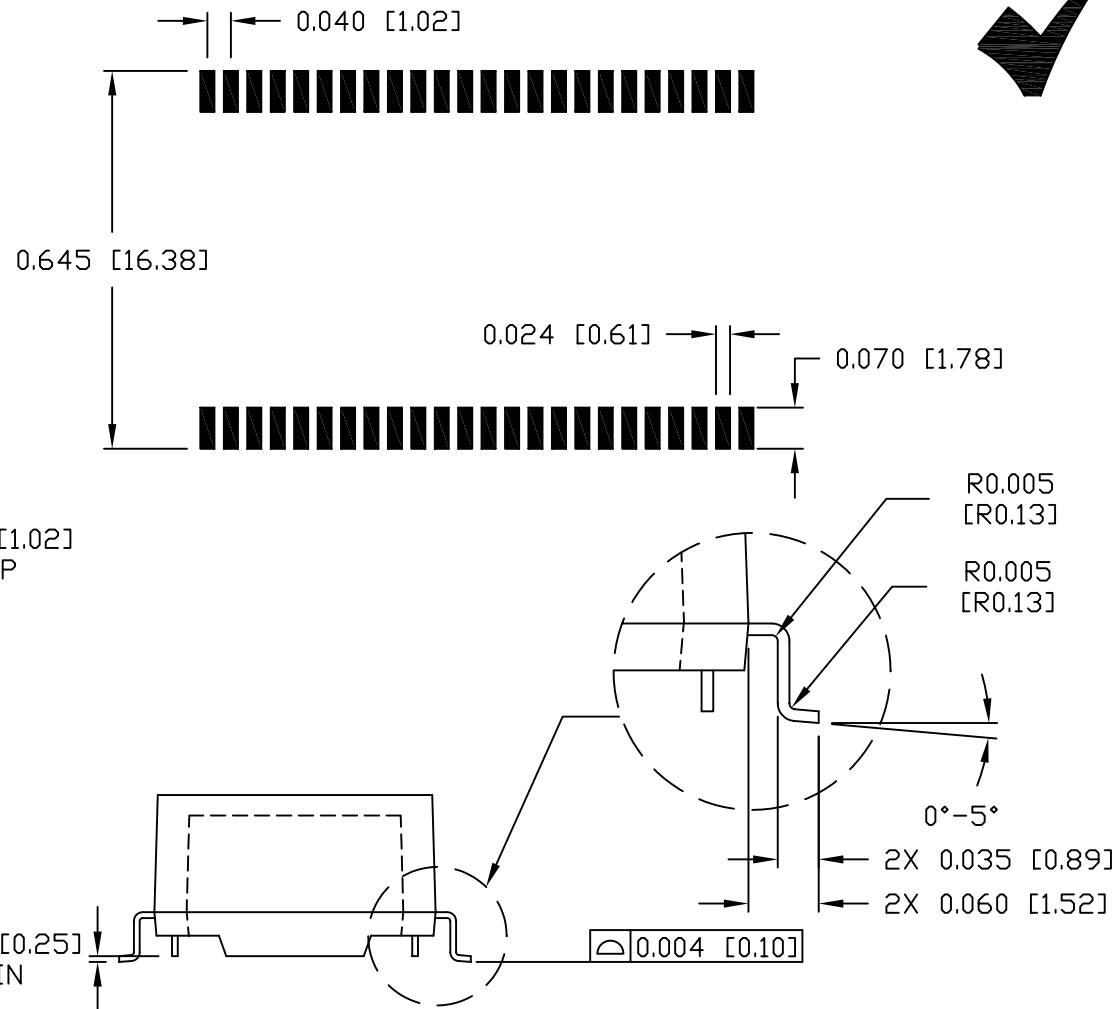
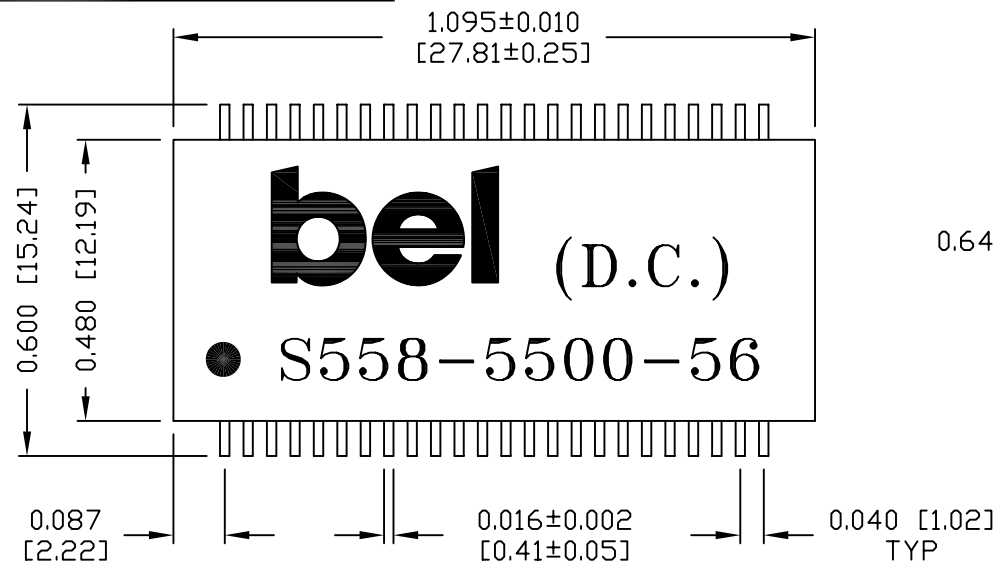
STANDARD DIM.	[] METRIC DIM. AS REF.
TOL. IN INCH	
.X	
.XX	
.XXX	
UNIT :	INCH [mm]
SCALE :	N/A
	SIZE : A4



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SUGGESTED PCB PAD LAYOUT



- NOTES:
1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
 2. PACKAGE CODE: "QVS001".

ORIGINATED BY		DATE	TITLE	PART NO. / DRAWING NO.		STANDARD DIM. [] METRIC DIM. AS REF.		REV. : B	PAGE : 3
Lawrence Tsang		2015-01-26		MECHANICAL OUTLINE	S558-5500-56		TOL. IN INCH		UNIT : INCH [mm]
DRAWN BY		DATE	FILE NAME		.X		SCALE : N/A		
ZC Guo		2015-01-26	S558550056B.DWG		.XX ±0.01		SIZE : A4		
					.XXX ±0.005				 POWER PROTECT CONNECT

Looking for pricing, stock, or lifecycle information?

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 [Bel Fuse Inc. Information](#)

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