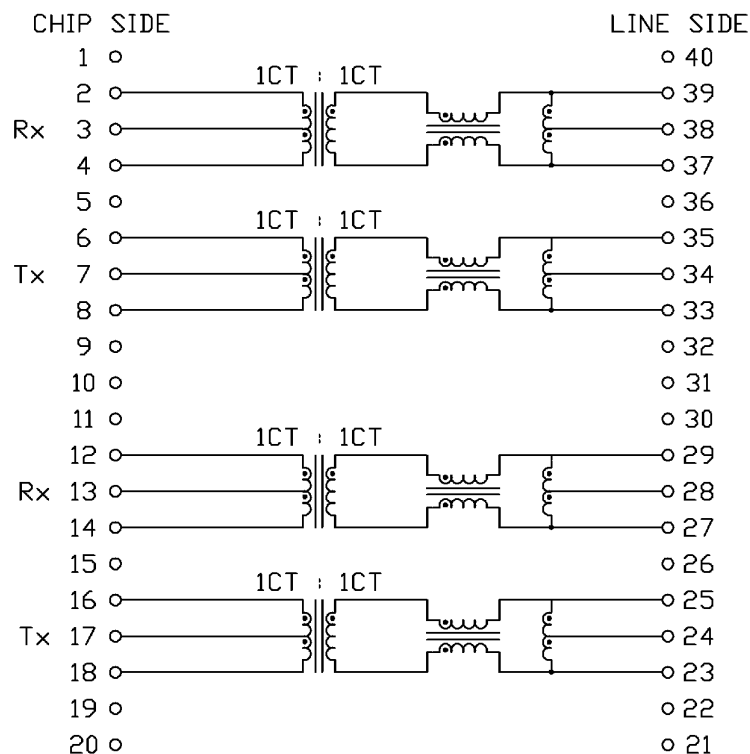




ELECTRICAL CHARACTERISTICS @ 25°C

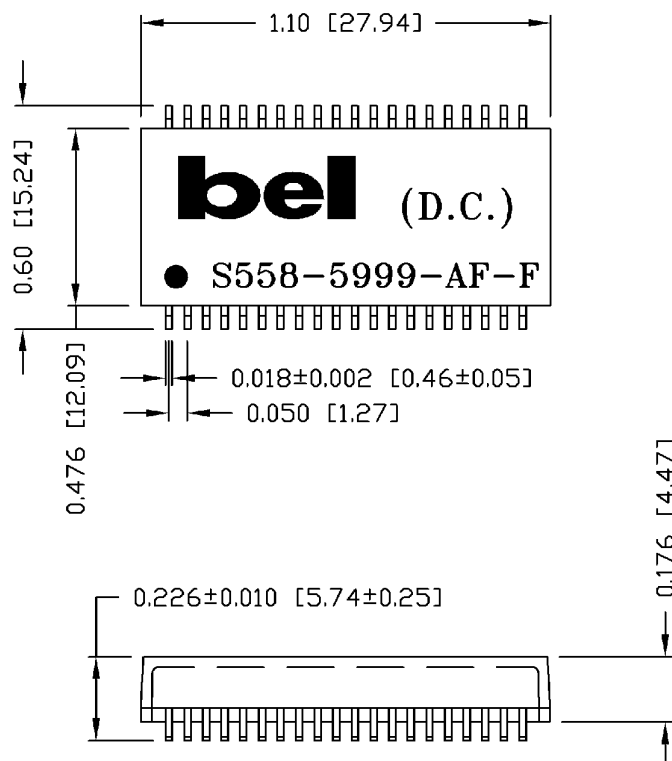
SCHEMATIC



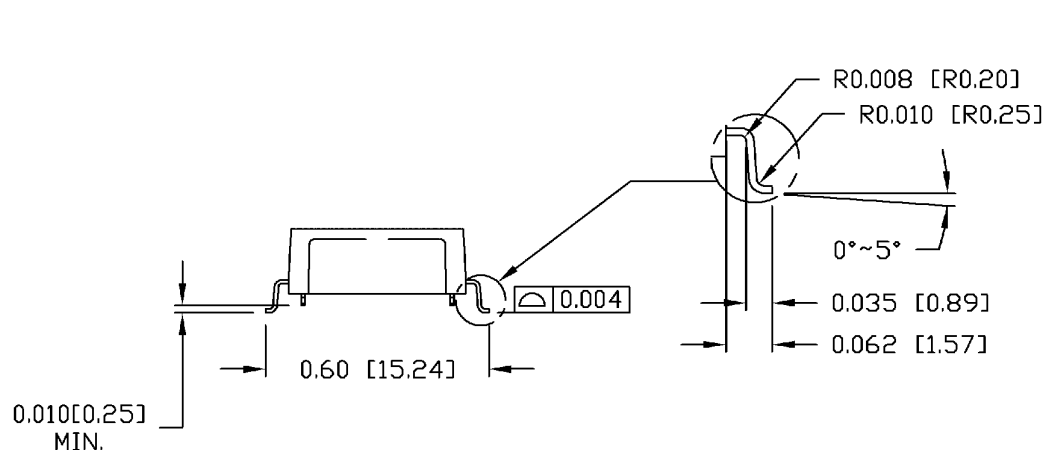
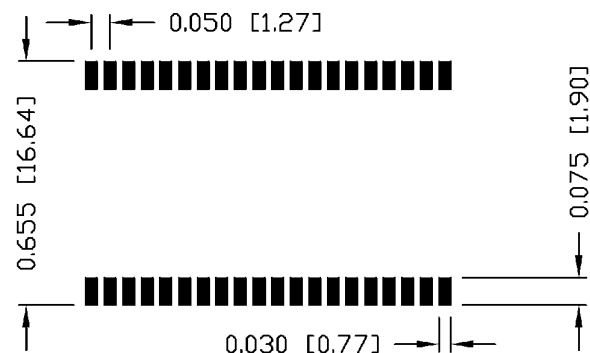
URNS RATIO	1CT : 1CT
DCL	350 μ H MIN. @ 100kHz, 100mV WITH 8mA DC BIAS
LEAKAGE INDUCTANCE (LL)	0.35 μ H MAX. @1MHz, 20mV
INTERWINDING CAP (Cw/w)	25 pF MAX. @1MHz, 20mV
DC RESISTANCE	
LINE SIDE	1.0 Ω MAX.
CHIP SIDE	1.4 Ω MAX.
INSERTION LOSS	1.5dB MAX. @100kHz TO 100MHz
RETURN LOSS	
MEASURED UNDER	16dB MIN. @2MHz TO 30MHz
100 Ω ENVIRONMENT	10dB MIN. @60MHz TO 80MHz
HIPOT	PER HAND-WORK-03
OPERATING TEMPERATURE	-40°C TO 85°C

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
HQ	02-13-07	ELECTRICAL SPECIFICATION S558-5999-AF-F	X5585999AF-F	.X	UNIT : INCH [mm] REV. : A
DRAWN BY	DATE		FILE NAME	.XX	SCALE : N/A SIZE : A4
DQ Chen	02-13-07		X5585999AFFA.DWG	.XXX	PAGE : 2

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WRITTEN APPROVAL OF BEL FUSE INC.



SUGGESTED PCB PAD LAYOUT



NOTES:

- STANDARD MARKING REFER TO DDC. HAND-WORK-04.
- PACKAGE CODE: "RRS001".

ORIGINATED BY	DATE	TITLE MECHANICAL OUTLINE S558-5999-AF-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 bel COMPONENTS OR CONNECTED PLANET
Lawrence	02-13-07 <td>X5585999AF-F<th colspan="2">TOL. IN INCH</th><th>UNIT : INCH [mm]</th><th>REV. : A</th></td>		X5585999AF-F <th colspan="2">TOL. IN INCH</th> <th>UNIT : INCH [mm]</th> <th>REV. : A</th>	TOL. IN INCH		UNIT : INCH [mm]	REV. : A	
DRAWN BY	DATE		FILE NAME X5585999AFFA.DWG	.X		SCALE : N/A	SIZE : A4	
DQ Chen	02-13-07			.XX	±0.01		PAGE : 3	
				.XXX	±0.005			



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