THE INFORMATION CONTAINED HEREIN IS CONSIDERED "PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE COPIED, REPRODUCED OR DISCLOSED WITHOUT THE WRITTEN APPROVAL OF BEL FUSE INC. RoHS ELECTRICAL CHARACTERISTICS SCHEMATIC TURNS RATIO TCTD 1 -→ 24 TXTD PIN(3-1-2): (22-24-23) 1CT : 1CTPIN(6-4-5) : (19-21-20)1CT : 1CTPIN(9-7-8) : (16-18-17)1CT : 1CT TPOND 2 -◆ 23 TX□ND PIN(12-10-11) : (13-15-14) 1CT : 1CT TPOPD 3 SS TXUPD ПСІ 350 H MIN, AT 100kHz, 100mV TCTC 4 • → 21 TXTC -40°C TD +85°C WITH 8mA DC BIAS TPONC 5 . 20 TX□NC INSERTION LOSS 1.1dB MAX. @ 0.1 MHz 0.5dB MAX. @ 1 MHz 0.8dB MAX. @ 65 MHz TPOPC 6 19 TX□PC 1.0dB MAX. @ 100 MHz 1,5dB MAX, @ 125 MHz TCTB 7 ← → 18 TXTB TPONB 8 • → 17 TX□NB RETURN LOSS 18dB MIN. @ 0.5 TO 40 MHz 12-20LDG (f/80 MHz) dBMIN. UNDER 100 DHMS ±15% ENVIRONMENT @ 40 TO 100 MHz TPOPB 9 16 TX□PB COMMON TO COMMON REJECTION 30dB MIN. @ 0.1 TO 100 MHz TCTA 10 ← → 15 TXTA CROSSTALK @ 1-100 MHz TPONA 11 -→ 14 TX□NA 33-20LOG (f/100 MHz) dB MIN. HIPOT LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC TPDPA 12 ← → 13 TXDPA REV. : PAGE: 2 ORIGINATED BY TITLE DATE PART NO. / DRAWING NO. STANDARD DIM. [] METRIC DIM. AS REF. TOL. IN INCH Alice Pang 2021-01-27 S558-5999-AT-F UNIT: INCH [mm] 1000BASE-T MAGNETIC MODULES DRAWN BY DATE FILE NAME X. N/A SCALE: .XX S558-5999-AT-F POWER | PROTECT | CONNECT

2021-01-27

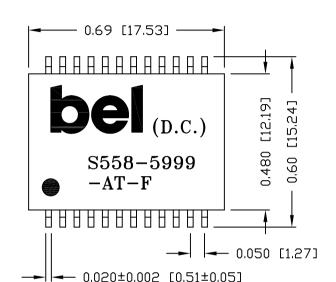
ZC Guo

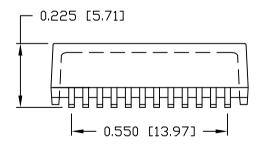
DC002(2)120214

S5585999ATFA.DWG

SIZE: A4

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NOTES:

- 1. STANDARD MARKING REFER TO DOC. HAND-WORK-04.
- 2. PACKAGE CODE: "RQS001".

E. LACKAGE CODE. K&3001							
ORIGINATED	BY DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REF.	
Lawrence	Tsang 2021-01-27		S558-5999-AT-F	TOL.	IN INCH	UNIT: INCH	[mm]
DRAWN BY	DATE	MECHANICAL DRAWING	FILE NAME	.xx	±0.01	SCALE: N/A	
ZC Guo	2021-01-27	S558-5999-AT-F	S5585999ATFA.DWG	.XXX	±0.005	•	SIZE : A4
2000(0)(000)4							

SUGGESTED PCB PAD LAYOUT

RoHS

PAGE: 3

POWER | PROTECT | CONNECT

REV. : A

