

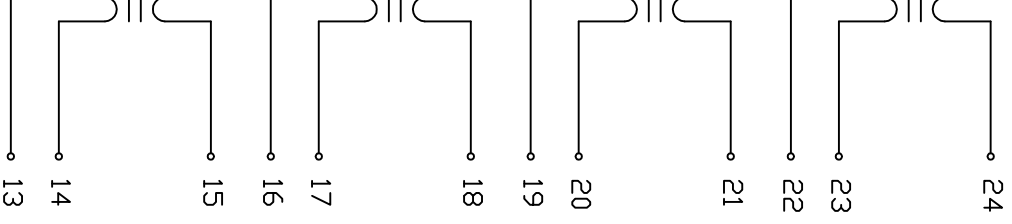


**THE DATASHEET OF
S558-5999-AM-F**





ELECTRICAL CHARACTERISTICS @25°C



24 TURNS RATIO 1CT : 1CT

23 PHASE 1 TD 24, 4 TD 21, 7 TD 18, 10 TD 15
IN PHASE

22 DCL : 350uH MIN. AT 100KHZ, 100mV
(1-2), (4-5), (7-8), (10-11) WITH 8mA DC BIAS, FROM 0 -70°C

21 INSERTION LOSS 1.0dB MAX. @ 1MHZ TD 100MHZ
1.5dB MAX. @ 125MHZ

20 RETURN LOSS 18dB MIN. @ 1-30MHZ
MEASURED UNDER A 100Ω I/O 15dB MIN. @ 60MHZ
12dB MIN. @ 80MHZ
10dB MIN. @ 100MHZ

19 CROSSSTALK 35 dB MIN.

18 COMMON TD COMMON REJECTION 30 dB MIN. AT 100KHZ TD 155MHZ
17 HIPOT LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

PART NO. / DRAWING NO.

S558-5999-AM-F

FILE NAME

S5585999AMFA.DWG

STANDARD DIM. [] METRIC DIM. AS REF.

TOL. IN INCH

.X

.XX

.XXX

UNIT : INCH [mm]

SCALE : N/A



SIZE : A4

REV. : A

PAGE : 2



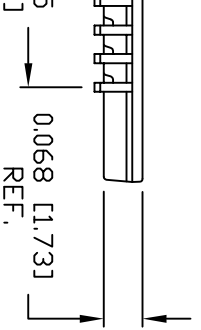
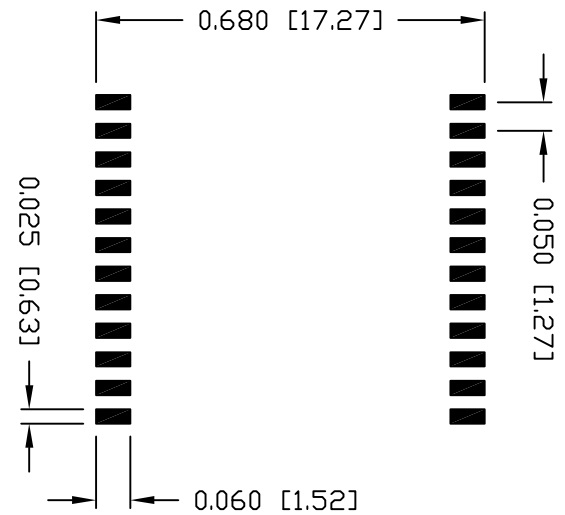
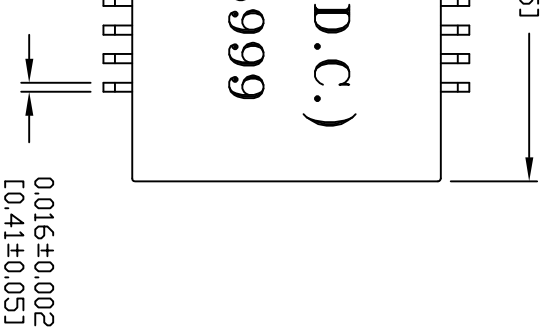
POWER | PROTECT | CONNECT

CAL SPECIFICATION

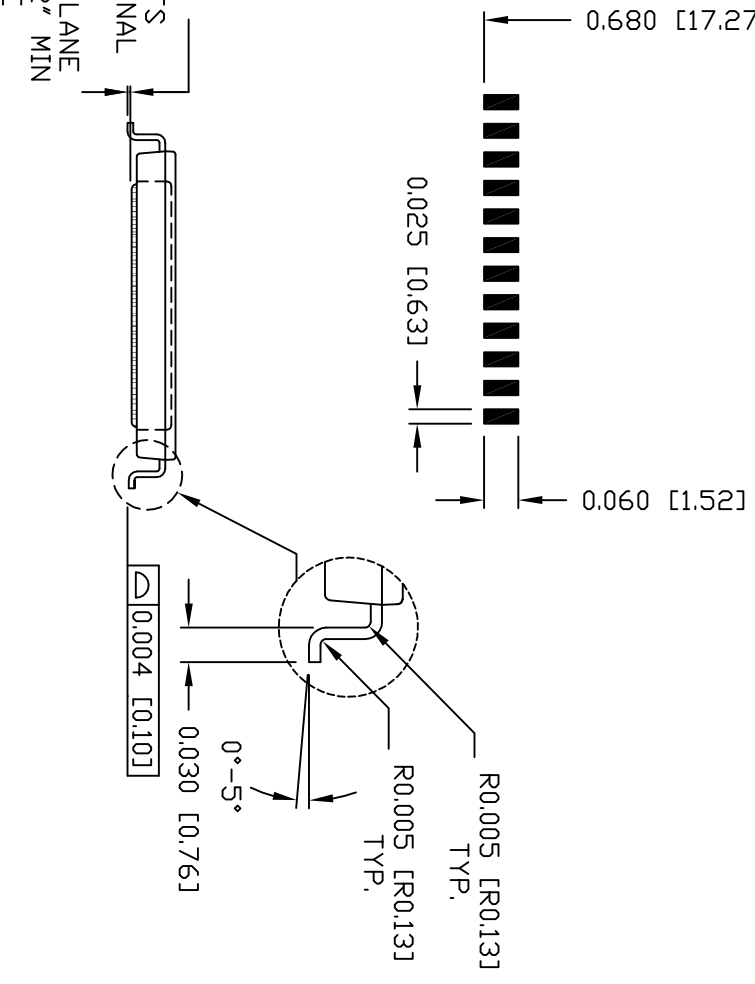
58-5999-AM-F

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SUGGESTED PCB PAD LAYOUT



BETWEEN COMPONENTS AND INTERNAL LEADS TO SEATING PLANE WITH 0.002" MIN CLEARANCE



DCC, HAND-WORK-04.

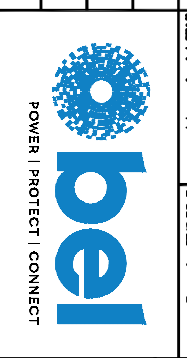
REV. : A PAGE : 3

MECHANICAL DRAWING
3-5999-AM-F

PART NO. / DRAWING NO.
S558-5999-AM-F
FILE NAME
S5585999AMFA.DWG



STANDARD DIM. [] METRIC DIM. AS REF.	
TOL. IN INCH	UNIT : INCH [mm]
.X	/
.XX	±0.01
.XXX	±0.005

SCALE : N/A
SIZE : A4



Looking for pricing, stock, or lifecycle information?

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-  [Bel Fuse Inc. Information](#)

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