



THE DATASHEET OF
S558-5999-46-F



ELECTRICAL CHARACTERISTICS @ 25°C



•16
 TURNS RATIO
 <1-3-2> : <7-5-6>
 <16-14-15> : <10-12-11>

1CT : 1CT
 1CT : 1CT

PHASING

1 TD 7 AND 16 TD 10 IN PHASE

•15
 •14

DCL
 <7-6> OPEN 1 & 2
 <10-11> OPEN 16 & 15

420µH MIN. AT 100KHZ, 100mV
 WITH 8mA DC BIAS

•13
 X

INSERTION LOSS

1.0dB MAX AT 100KHZ TD 80MHZ

RETURN LOSS
 MEASURED UNDER 100Ω
 ENVIRONMENT <16-15> TD <10-11>
 <6-7> TD <1-2>

FREQ	2MHZ	10MHZ	30MHZ	45MHZ	60MHZ	80MHZ
MIN.	20dB	20dB	19dB	16dB	13dB	12dB

17dB MIN AT 5MHZ & 10MHZ

RETURN LOSS
 MEASURED UNDER 25 AND 100Ω
 IMPEDANCE ENVIRONMENT ACROSS
 <16-14> AND <10-11>
 RESPECTIVELY

•9

CMDR

40dB MIN AT 100KHZ TD 50MHZ
 30dB MIN ABOVE 50M TD 100MHZ

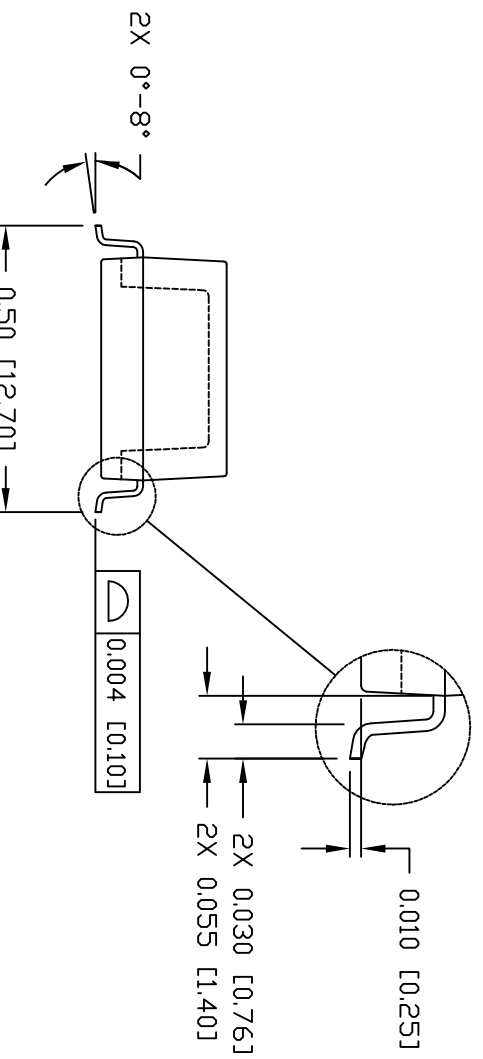
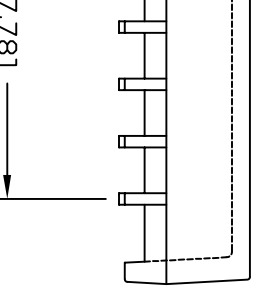
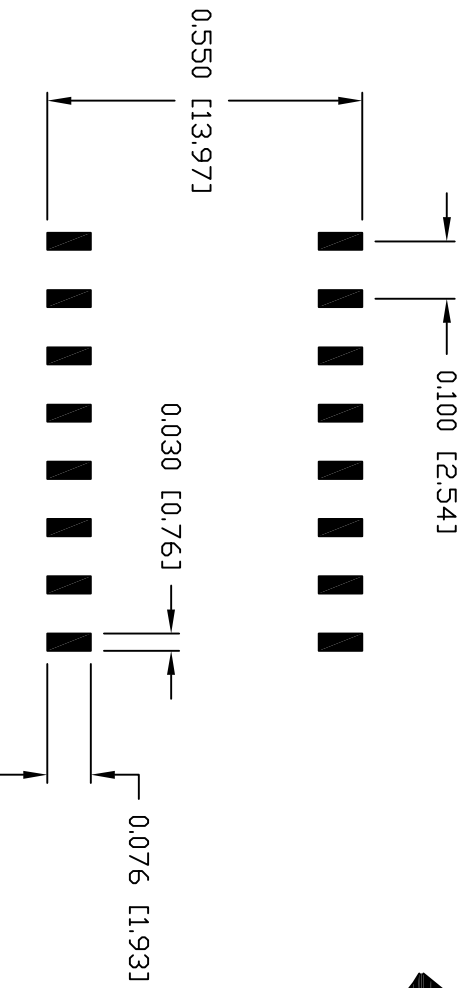
CROSSSTALK
 HIPDT

30dB MIN AT 100KHZ TD 100MHZ
 LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

AL SPECIFICATION 8-5999-46-F	PART NO. / DRAWING NO. S558-5999-46-F		STANDARD DIM. [] METRIC DIM. AS REF.		REV. : A		PAGE : 2	
	FILE NAME S558599946FA.DWG	TOL. IN INCH .X .XX .XXX	UNIT : INCH [mm]	SCALE : N/A	SIZE : A4	POWER PROTECT CONNECT		



SUGGESTED PCB PAD LAYOUT



HAND-WORK-04.

ING TO JAPAN CUSTOMERS.
WITH 4M CRITERIA.

NICAL DRAWING
3-5999-46-F

PART NO. / DRAWING NO.
S558-5999-46-F

FILE NAME
S558599946FA.DWG

STANDARD DIM. [] METRIC DIM. AS REF.	TOL. IN INCH	UNIT : INCH [mm]	SCALE : N/A	SIZE : A4
	.X			
	.XX	±0.01		
	.XXX	±0.005		



REV. : A PAGE : 3



POWER | PROTECT | CONNECT

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View S558-5999-46-F on WIN SOURCE](#)
-  [Bel Fuse Inc. Information](#)

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-  Cost Control Management
-  Shortage Management
-  Alternative Solution
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