



**THE DATASHEET OF**  
**S558-5999-T7-F**





ELECTRICAL CHARACTERISTICS @25°C

TURNS RATIO  
 1-2-3 : 16-15-14  
 6-7-8 : 11-10-9

POLARITY  
 PER DOT CONVENTION

DCL  
 PIN 16-14 350µH MIN  
 PIN 11-9 @100KHz, 100mVrms  
 W/8mA DC BIAS

LEAKAGE INDUCTANCE,  $L_e$   
 CHIP SIDE WITH LINE SIDE SHORT @1MHz, 20mVrms

INTERWINDING CAPACITANCE,  $C_w/w$   
 LINE SIDE TO CHIP SIDE @1MHz, 20mVrms

INSERTION LOSS  
 300KHz-100MHz 1.0dB MAX

RETURN LOSS  
 1MHz-30MHz 18dB MIN  
 30-60MHz 18-20LDGKF/30MHZ) dB MIN  
 60-80MHz 12dB MIN

CROSSSTALK  
 300KHz-100MHz 35dB MIN

CM TD CM MODE REJ 30dB MIN  
 300KHz-100MHz

CM TD DM MODE REJ 40dB MIN  
 300KHz-100MHz

OPERATING TEMPERATURE -40°C TD +85°C  
 LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC

HIPOT

OPERATING TEMPERATURE -40°C TD +85°C

PART NO. / DRAWING NO. S558-5999-T7-F	STANDARD DIM. [ ] METRIC DIM. AS REF.	
	TOL. IN INCH	UNIT : INCH [mm]
	.X	SCALE : N/A
FILE NAME S5585999T7FA.DWG	.XX	SIZE : A4
	.XXX	

REV. : A	PAGE : 2
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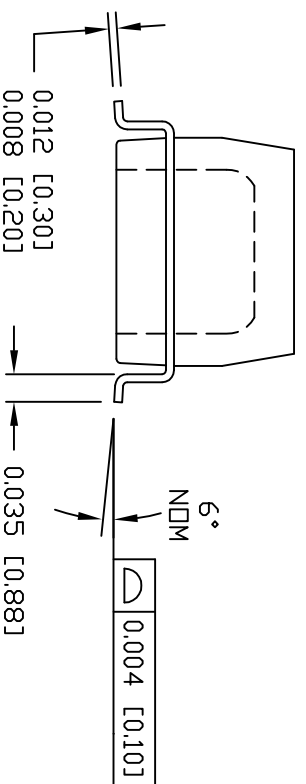
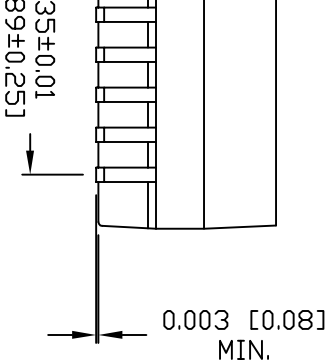
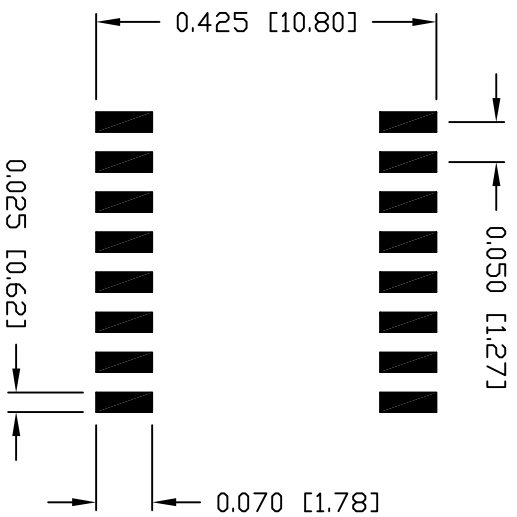
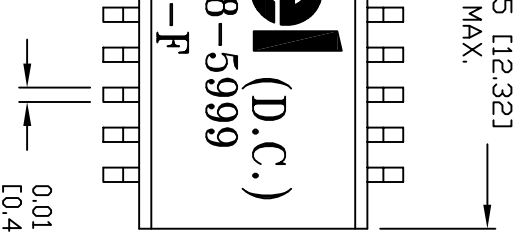
MAGNETICS MODULE  
-5999-T7-F

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SUGGESTED PCB PAD LAYOUT



HAND-WORK-04.

3-5999-T7-F  
 NICAL DRAWING

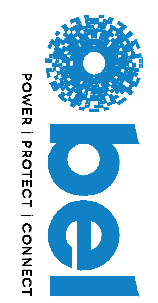
PART NO. / DRAWING NO.  
 S558-5999-T7-F  
 FILE NAME  
 S5585999T7FA.DWG

STANDARD DIM. [ ] METRIC DIM. AS REF.  
 TOL. IN INCH  
 .X  
 .XX ±0,01  
 .XXX ±0,005

UNIT : INCH [mm]  
 SCALE : N/A  
 SIZE : A4



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