



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 30pF MAX
 @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

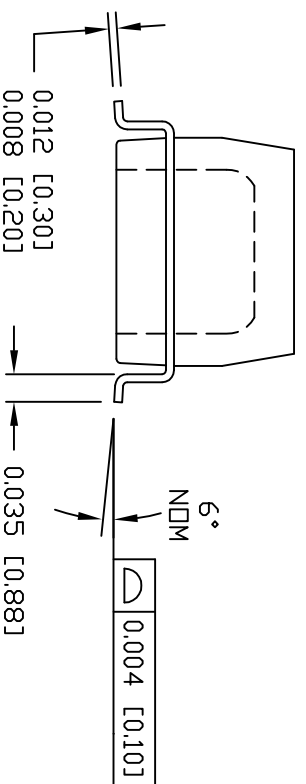
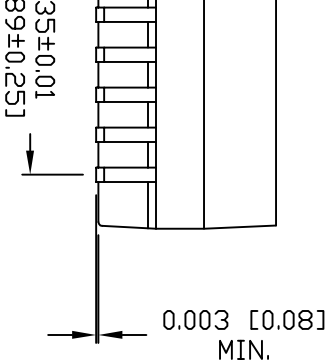
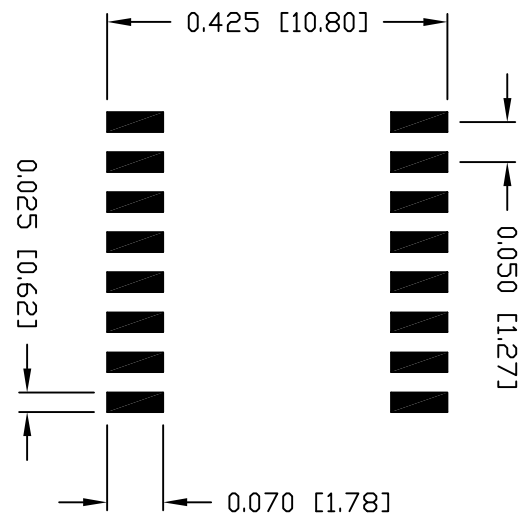
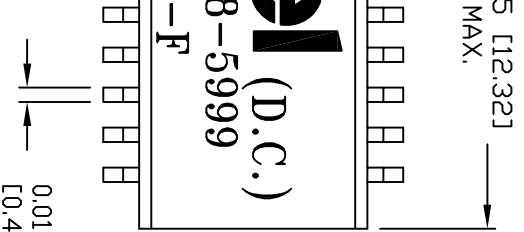
OPERATING TEMPERATURE -40°C TD +85°C

MAGNETICS MODULE -5999-T7-F	PART NO. / DRAWING NO. S558-5999-T7-F		STANDARD DIM. [] METRIC DIM. AS REF.		REV. : A	PAGE : 2
	FILE NAME S5585999T7FA.DWG	TOL. IN INCH .X .XX .XXX	UNIT : INCH [mm]	SCALE : N/A		





SUGGESTED PCB PAD LAYOUT



HAND-WORK-04.

MECHANICAL DRAWING
 3-5999-T7-F

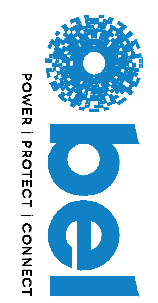
PART NO. / DRAWING NO.
 S558-5999-T7-F
 FILE NAME
 S5585999T7FA.DWG

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

SIZE : A4

REV. : A PAGE : 3

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