



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





ELECTRICAL CHARACTERISTICS @ 25°C

MEDIA SIDE			
48	TXT1D	TURNS RATIO	
47	TXON1D	CHIP SIDE : MEDIA SIDE	1CT : 1CT
46	TXOP1D	POLARITY	PER DOT CONVENTION
45	TXT1C	DCL	350µH MIN @100KHZ, 100mV WITH 8mA DC BIAS
44	TXON1C	INSERTION LOSS	PIN (46-47), (43-44), (40-41), (37-38) PIN (34-35), (31-32), (28-29), (25-26)
43	TXOP1C		0.9dB MAX @1-100MHZ
42	TXT1B		1.5dB MAX @125MHZ
41	TXON1B		
40	TXOP1B	RETURN LOSS	18dB MIN @0.5 TD 40MHZ
39	TXT1A	MEASURED UNDER	12-20LDG<(f/80MHZ)>dB MIN @40 TD 100MHZ
38	TXON1A	100 Ω ENVIRONMENT	
37	TXOP1A	COMMON TD COMMON	30dB MIN @0.3 TD 100MHZ
36	TXT2D	MODE REJECTION	
35	TXON2D	CROSSSTALK	33-20LDG<(f/100MHZ)>dB MIN @0.3 TD 100MHZ
34	TXOP2D	HIPDT	LEAKAGE CURRENT LESS THAN 1mA AT 1500VAC
33	TXT2C	OPERATING TEMPERATURE	-40°C TD +85°C
32	TXON2C		
31	TXOP2C		
30	TXT2B		
29	TXON2B		
28	TXOP2B		
27	TXT2A		
26	TXON2A		
25	TXOP2A		

PART NO. / DRAWING NO. S558-5999-BQ-F	STANDARD DIM. [] METRIC DIM. AS REF.	
	TOL. IN INCH	UNIT : INCH [mm]
FILE NAME S5585999BQFA.DWG	.X	SCALE : N/A
	.XX	
	.XXX	
		SIZE : A4

REV. : A	PAGE : 2
----------	----------

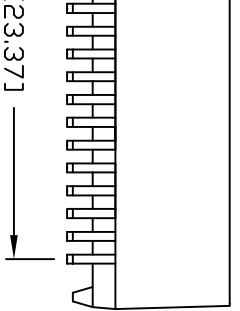


±0.010
±0.25]

(D.C.)
999-BQ-F

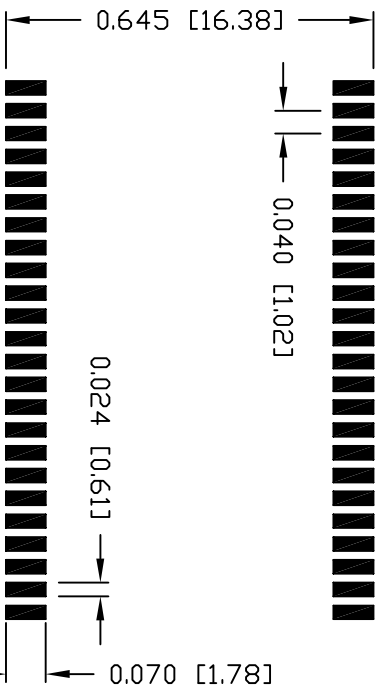
016±0.002
0.41±0.05]

0.040 [1.02]
TYP

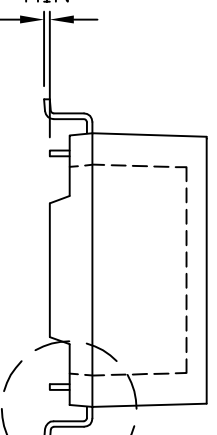


C. HAND-WORK-04.

SUGGESTED PCB PAD LAYOUT



0.25]
0.010
MIN



0.004 [0.10]

0°-5°
2X 0.035 [0.89]
2X 0.060 [1.52]

R0.005 [R0.13]
R0.005 [R0.13]



MECHANICAL OUTLINE
S58-5999-BQ-F

PART NO. / DRAWING NO.
S558-5999-BQ-F
FILE NAME
S5585999BQFA.DWG

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

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



REV. : A PAGE : 3

This document is electronically generated. This is a controlled copy if used internally



Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management