

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	/	/
A1	N/A			2025.09.02	

Specifications:

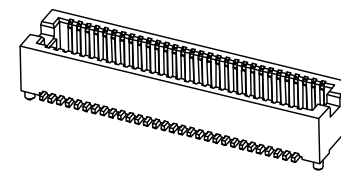
Voltage rating:100V AC/DC
100V AC/DC
Current rating:0.5A AC/DC
0.5A AC/DC
Withstanding voltage:150V AC/minute
150V AC/
Temperature range:-40 +125
-40 +125
Insulation resistance:500MΩ min
500MΩ Min
Contact resistance:50mΩ Max
50mΩ Max

PART NO.:

X0502 F V S-XX E S-9T V01

Series No
Category:F-Female
Welding Board Angle:V-Stright 180°
Welding Way: S-SMT
Row No.Pin No:XX-10~80P
Height:E:2.80mm
Special No:S-With positioning column
Material:9T-PA9T UL94V-0
Plating:V01-Gold flash;

Poles	Dimensions(mm)				Poles	Dimensions(mm)			
	A	B	C	D		A	B	C	D
10	4.70	2.00	3.20	4.10	32	10.20	7.50	8.70	9.60
12	5.20	2.50	3.70	4.60	36	11.20	8.50	9.70	10.60
14	5.70	3.00	4.20	5.10	40	12.20	9.50	10.70	11.60
20	7.20	4.50	5.70	6.60	50	14.70	12.00	13.20	14.10
22	7.70	5.00	6.20	7.10	60	17.20	14.50	15.70	16.60
24	8.20	5.50	6.70	7.60	80	22.20	19.50	20.70	21.60
30	9.70	7.00	8.20	9.10	/				



3D VIEW

Recommended PCB LAYOUT

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN
CHECKED
APPROVED

VIEW:
UNIT: mm/in
SIZE: A4

MODEL TYPE:
0.5mm BTB Connector
PART NO.:
X0502FVS-XXES-9TV01
DWG NO.:

SCALE	PAGE	REVISION
N/A	1/1	A1