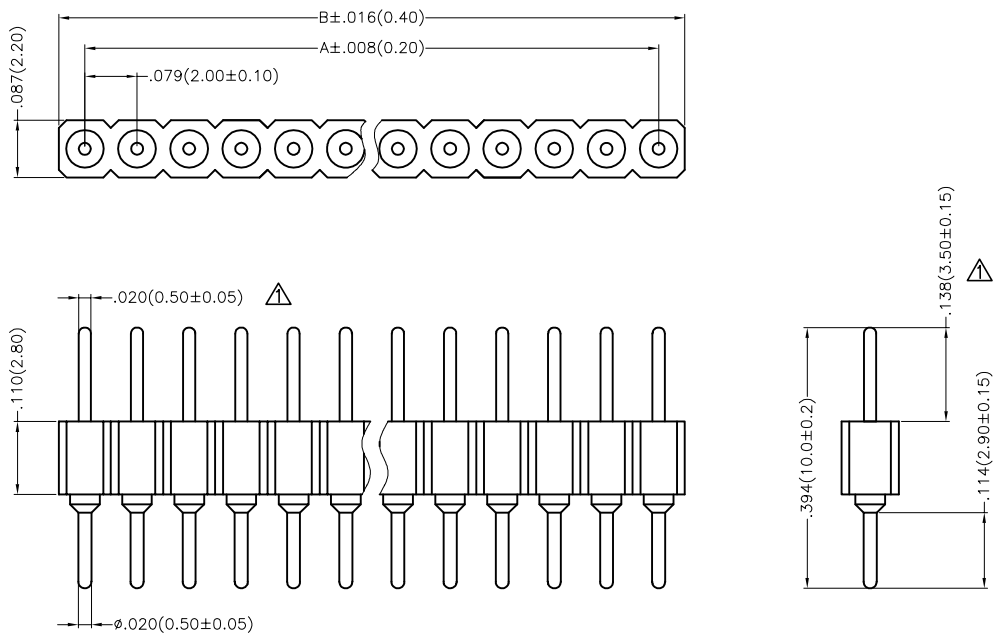


1	2	3	4	5	6	7	8
REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD		
1		Size change	21/JUN/22	MATT	KATE		

SPECIFICATIONS

Electrical
Current Rating: 3A AC(rms)/DC
Voltage Rating: 60V AC(rms)/DC
Contact Resistance: 10 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

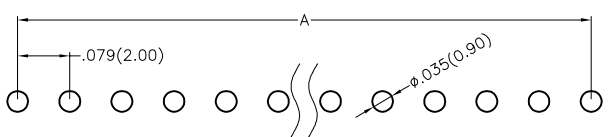
Material and Plating
Housing: PPS (UL 94V-0), Color: Black
Machined pin: Brass/ Gold or tin plated



Ordering Information

FSI	200	02	—	M	S	XX	S	X	XX	8	B
1	2	3		4	5	6	7	8	9	10	11

1	Category	2	Series Number	3	Distinction No.	4	Type	5	Row Option	6	Circuits	7	Entry Angle
	FSI-SIP Socket		200-Pitch2.00mm		02		M-Male		S-Single Row		XX		S-180° Vertical
8	Plating	9	Thickness of Plating	10	Material-Resin	11	Packaging						
	1-Gold plated 2-Tin plated		00-Gold Flash 01-1μ" Custom plate available		8-PPS		B-PE Bag						



Recommended P.C.Board Layout
Tolerances: ±.002(0.05)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/16	PART NO. FSI20002-MSXXSXXX8B	ITEM NO. FSI20002	 TXGA Leader Of Industry	
		X.±.012(0.30)	X'±5°	CHECKED BY	DATE	TITLE			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	.X'±2°	CHERRY	29/JUL/16	Board to Board(SIP Socket) Pitch 2mm 180° Vertical		REV 1	SHEET NO. 1/2
		X.XX±.006(0.15)	.XX'±1°	DRAWN BY	DATE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
SCALE 5:1	SIZE A4	X.XXX±.004(0.10)	.XXX±0.5°	KATE	29/JUL/16				

A

B

C

D

E

F

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
1	FSI20002-MS01SXXX8B	—	.079(2.00)
2	FSI20002-MS02SXXX8B	.079(2.00)	.157(4.00)
3	FSI20002-MS03SXXX8B	.157(4.00)	.236(6.00)
4	FSI20002-MS04SXXX8B	.236(6.00)	.315(8.00)
5	FSI20002-MS05SXXX8B	.315(8.00)	.394(10.00)
6	FSI20002-MS06SXXX8B	.394(10.00)	.472(12.00)
7	FSI20002-MS07SXXX8B	.472(12.00)	.551(14.00)
8	FSI20002-MS08SXXX8B	.551(14.00)	.630(16.00)
9	FSI20002-MS09SXXX8B	.630(16.00)	.709(18.00)
10	FSI20002-MS10SXXX8B	.709(18.00)	.787(20.00)
11	FSI20002-MS11SXXX8B	.787(20.00)	.866(22.00)
12	FSI20002-MS12SXXX8B	.866(22.00)	.945(24.00)
13	FSI20002-MS13SXXX8B	.945(24.00)	1.024(26.00)
14	FSI20002-MS14SXXX8B	1.024(26.00)	1.102(28.00)
15	FSI20002-MS15SXXX8B	1.102(28.00)	1.181(30.00)
16	FSI20002-MS16SXXX8B	1.181(30.00)	1.260(32.00)
17	FSI20002-MS17SXXX8B	1.260(32.00)	1.339(34.00)
18	FSI20002-MS18SXXX8B	1.339(34.00)	1.417(36.00)
19	FSI20002-MS19SXXX8B	1.417(36.00)	1.497(38.00)
20	FSI20002-MS20SXXX8B	1.497(38.00)	1.575(40.00)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
21	FSI20002-MS21SXXX8B	1.575(40.00)	1.654(42.00)
22	FSI20002-MS22SXXX8B	1.654(42.00)	1.732(44.00)
23	FSI20002-MS23SXXX8B	1.732(44.00)	1.811(46.00)
24	FSI20002-MS24SXXX8B	1.811(46.00)	1.890(48.00)
25	FSI20002-MS25SXXX8B	1.890(48.00)	1.969(50.00)
26	FSI20002-MS26SXXX8B	1.969(50.00)	2.047(52.00)
27	FSI20002-MS27SXXX8B	2.047(52.00)	2.126(54.00)
28	FSI20002-MS28SXXX8B	2.126(54.00)	2.205(56.00)
29	FSI20002-MS29SXXX8B	2.205(56.00)	2.283(58.00)
30	FSI20002-MS30SXXX8B	2.283(58.00)	2.362(60.00)
31	FSI20002-MS31SXXX8B	2.362(60.00)	2.441(62.00)
32	FSI20002-MS32SXXX8B	2.441(62.00)	2.520(64.00)
33	FSI20002-MS33SXXX8B	2.520(64.00)	2.598(66.00)
34	FSI20002-MS34SXXX8B	2.598(66.00)	2.677(68.00)
35	FSI20002-MS35SXXX8B	2.677(68.00)	2.756(70.00)
36	FSI20002-MS36SXXX8B	2.756(70.00)	2.835(72.00)
37	FSI20002-MS37SXXX8B	2.835(72.00)	2.913(74.00)
38	FSI20002-MS38SXXX8B	2.913(74.00)	2.992(76.00)
39	FSI20002-MS39SXXX8B	2.992(76.00)	3.071(78.00)
40	FSI20002-MS40SXXX8B	3.071(78.00)	3.150(80.00)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/16	PART NO. FSI20002-MSXXSXXX8B	ITEM NO. FSI20002	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY	DATE	TITLE Board to Board(SIP Socket) Pitch 2mm 180° Vertical			
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°	CHERRY	29/JUL/16				
		X.XX±.006(0.15)	.XX±1°	DRAWN BY	DATE				
		X.XXX±.004(0.10)	.XXX±0.5°						
SCALE 5:1	SIZE A4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Size change	21/JUN/22	MATT	KATE

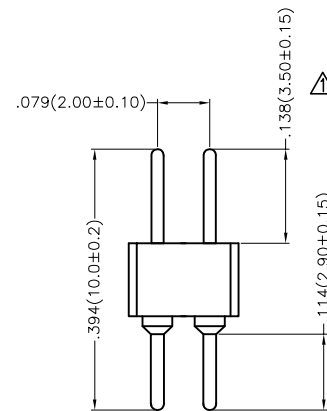
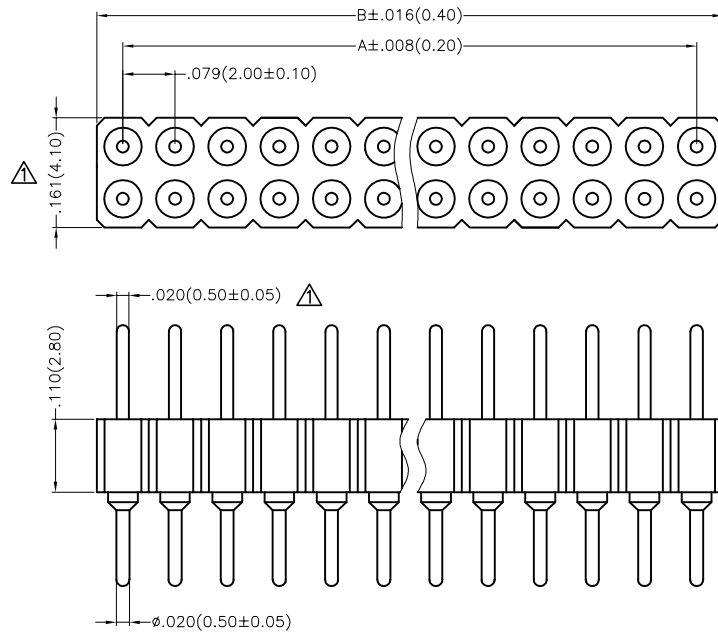
SPECIFICATIONS

Electrical

Current Rating: 3A AC(rms)/DC
Voltage Rating: 60V AC(rms)/DC
Contact Resistance: 10 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 500V AC r.m.s
Temperature Range-Operating: -40°C~+105°C

Material and Plating

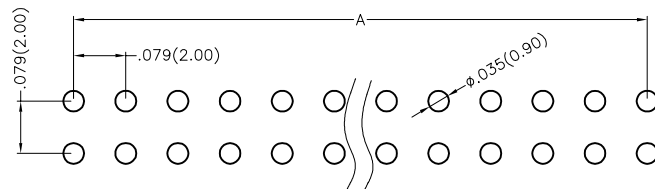
Housing: PPS (UL 94V-0), Color: Black
Machined pin: Brass/ Gold or tin plated



Ordering Information

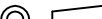
FSI 200 02 — M D XX S X XX 8 B
1 2 3 4 5 6 7 8 9 10 11

1 Category FSI-SIP Socket	2 Series Number 200-Pitch2.00mm	3 Distinction No. 02	4 Type M-Male	5 Row Option D-Double Row	6 Circuits XX	7 Entry Angle S-180° Vertical
8 Plating 1-Gold plated 2-Tin plated	9 Thickness of Plating 00-Gold Flash 01-1μ" Custom plate available	10 Material-Resin 8-PPS	11 Packaging B-PE Bag			



Recommended P.C.Board Layout

Tolerances: ±.002(0.05)

 THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/16	PART NO. FSI20002-MDXXSXXX8B	ITEM NO. FSI20002	 Leader Of Industry	
		X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 29/JUL/16	TITLE Board to Board(SIP Socket) Pitch 2mm 180° Vertical	REV 1		
DESIGN UNITS Inch (metric)		X.X±.008(0.20)	X.±2°		DRAWN BY KATE			DATE 29/JUL/16	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	X.X'±1°						
		X.XXX±.004(0.10)	X.XX'±0.5°						

REV 1 SHEET NO. 1/2

A

B

C

D

E

F

A

B

C

D

E

F

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
2	FSI20002-MD02SXXX8B	—	.079(2.00)
4	FSI20002-MD04SXXX8B	.079(2.00)	.157(4.00)
6	FSI20002-MD06SXXX8B	.157(4.00)	.236(6.00)
8	FSI20002-MD08SXXX8B	.236(6.00)	.315(8.00)
10	FSI20002-MD10SXXX8B	.315(8.00)	.394(10.00)
12	FSI20002-MD12SXXX8B	.394(10.00)	.472(12.00)
14	FSI20002-MD14SXXX8B	.472(12.00)	.551(14.00)
16	FSI20002-MD16SXXX8B	.551(14.00)	.630(16.00)
18	FSI20002-MD18SXXX8B	.630(16.00)	.709(18.00)
20	FSI20002-MD20SXXX8B	.709(18.00)	.787(20.00)
22	FSI20002-MD22SXXX8B	.787(20.00)	.866(22.00)
24	FSI20002-MD24SXXX8B	.866(22.00)	.945(24.00)
26	FSI20002-MD26SXXX8B	.945(24.00)	1.024(26.00)
28	FSI20002-MD28SXXX8B	1.024(26.00)	1.102(28.00)
30	FSI20002-MD30SXXX8B	1.102(28.00)	1.181(30.00)
32	FSI20002-MD32SXXX8B	1.181(30.00)	1.260(32.00)
34	FSI20002-MD34SXXX8B	1.260(32.00)	1.339(34.00)
36	FSI20002-MD36SXXX8B	1.339(34.00)	1.417(36.00)
38	FSI20002-MD38SXXX8B	1.417(36.00)	1.497(38.00)
40	FSI20002-MD40SXXX8B	1.497(38.00)	1.575(40.00)

Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B
42	FSI20002-MD42SXXX8B	1.575(40.00)	1.654(42.00)
44	FSI20002-MD44SXXX8B	1.654(42.00)	1.732(44.00)
46	FSI20002-MD46SXXX8B	1.732(44.00)	1.811(46.00)
48	FSI20002-MD48SXXX8B	1.811(46.00)	1.890(48.00)
50	FSI20002-MD50SXXX8B	1.890(48.00)	1.969(50.00)
52	FSI20002-MD52SXXX8B	1.969(50.00)	2.047(52.00)
54	FSI20002-MD54SXXX8B	2.047(52.00)	2.126(54.00)
56	FSI20002-MD56SXXX8B	2.126(54.00)	2.205(56.00)
58	FSI20002-MD58SXXX8B	2.205(56.00)	2.283(58.00)
60	FSI20002-MD60SXXX8B	2.283(58.00)	2.362(60.00)
62	FSI20002-MD62SXXX8B	2.362(60.00)	2.441(62.00)
64	FSI20002-MD64SXXX8B	2.441(62.00)	2.520(64.00)
66	FSI20002-MD66SXXX8B	2.520(64.00)	2.598(66.00)
68	FSI20002-MD68SXXX8B	2.598(66.00)	2.677(68.00)
70	FSI20002-MD70SXXX8B	2.677(68.00)	2.756(70.00)
72	FSI20002-MD72SXXX8B	2.756(70.00)	2.835(72.00)
74	FSI20002-MD74SXXX8B	2.835(72.00)	2.913(74.00)
76	FSI20002-MD76SXXX8B	2.913(74.00)	2.992(76.00)
78	FSI20002-MD78SXXX8B	2.992(76.00)	3.071(78.00)
80	FSI20002-MD80SXXX8B	3.071(78.00)	3.150(80.00)

THIRD ANGLE
PROJECTION

DESIGN UNITS
Inch (metric)

SCALE
5:1

SIZE
A4

GENERAL TOLERANCES
(UNLESS SPECIFIED)

X.±.012(0.30)

X.±5°

X.X±.008(0.20)

.X'±2"

X.XX±.006(0.15)

.XX'±1"

X.XXX±.004(0.10)

.XXX'±0.5"

APPROVE BY
FRANK

CHECKED BY
CHERRY

DRAWN BY
KATE

DATE
29/JUL/16

DATE
29/JUL/16

DATE
29/JUL/16

PART NO.
FSI20002-MDXXSXXX8B

TITLE
Board to Board(SIP Socket)
Pitch 2mm 180° Vertical

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL
ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

ITEM NO.
FSI20002

REV 1

SHEET NO. 2/2

TXGA

Leader Of Industry