

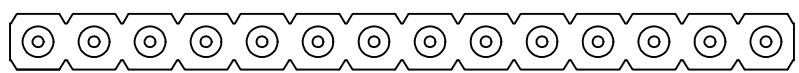
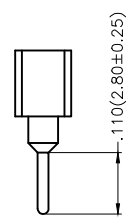
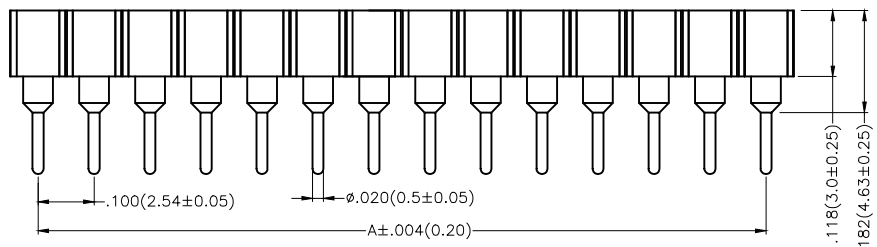
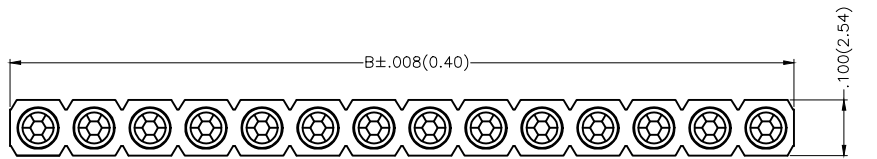
1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

SPECIFICATIONS

Electrical
 Current Rating: 3.0A AC(rms)/DC
 Voltage Rating: 60V AC(rms)/DC
 Contact Resistance: 4 mΩ Max
 Insulation Resistance: 1000 MΩ Min
 Withstanding Voltage: 600V AC r.m.s
 Temperature Range—Operating: -40°C~+105°C

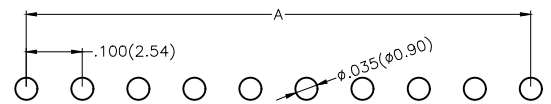
Material and Plating
 Housing: PPS (UL 94V-0), Color: Black
 Pin: Brass
 Pin plating: Gold plated/Selective gold in contact area, tin on tail



Ordering Information

FSI 254 01 - F S 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 254-Pitch2.54mm	3	Distinction No. 01	4	Type F-Female	5	Row Option S-Single Row	6	Circuits XX
7	Entry Angle S-180° Vertical	8	Plating 1-Gold plated 3-Selective gold in contact area, tin on tail	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

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FSI25401-FSXXSXX8B	ITEM NO. FSI25401	 Leader Of Industry
	DESIGN UNITS Inch (metric)	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(SIP Socket) Pitch 2.54mm 180° Vertical	
SCALE 5:1	SIZE A4	X.XX±.006(0.15)	.XX±1'	DRAWN BY JACOB	DATE 29/JUL/13	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S.Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
						REV 0	SHEET NO. 1/2

1 2 3 4 5 6 7 8

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

A

F

B

E

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
1	FSI25401-FS01SXXX8B	—	.100(2.54)	21	FSI25401-FS21SXXX8B	2.000(50.80)	2.100(53.34)
2	FSI25401-FS02SXXX8B	.100(2.54)	.200(5.08)	22	FSI25401-FS22SXXX8B	2.100(53.34)	2.200(55.88)
3	FSI25401-FS03SXXX8B	.200(5.08)	.300(7.62)	23	FSI25401-FS23SXXX8B	2.200(55.88)	2.300(58.42)
4	FSI25401-FS04SXXX8B	.300(7.62)	.400(10.16)	24	FSI25401-FS24SXXX8B	2.300(58.42)	2.400(60.96)
5	FSI25401-FS05SXXX8B	.400(10.16)	.500(12.70)	25	FSI25401-FS25SXXX8B	2.400(60.96)	2.500(63.50)
6	FSI25401-FS06SXXX8B	.500(12.70)	.600(15.24)	26	FSI25401-FS26SXXX8B	2.500(63.50)	2.600(66.04)
7	FSI25401-FS07SXXX8B	.600(15.24)	.700(17.78)	27	FSI25401-FS27SXXX8B	2.600(66.04)	2.700(68.58)
8	FSI25401-FS08SXXX8B	.700(17.78)	.800(20.32)	28	FSI25401-FS28SXXX8B	2.700(68.58)	2.800(71.12)
9	FSI25401-FS09SXXX8B	.800(20.32)	.900(22.86)	29	FSI25401-FS29SXXX8B	2.800(71.12)	2.900(73.66)
10	FSI25401-FS10SXXX8B	.900(22.86)	1.000(25.40)	30	FSI25401-FS30SXXX8B	2.900(73.66)	3.000(76.20)
11	FSI25401-FS11SXXX8B	1.000(25.40)	1.100(27.94)	31	FSI25401-FS31SXXX8B	3.000(76.20)	3.100(78.74)
12	FSI25401-FS12SXXX8B	1.100(27.94)	1.200(30.48)	32	FSI25401-FS32SXXX8B	3.100(78.74)	3.200(81.28)
13	FSI25401-FS13SXXX8B	1.200(30.48)	1.300(33.02)	33	FSI25401-FS33SXXX8B	3.200(81.28)	3.300(83.82)
14	FSI25401-FS14SXXX8B	1.300(33.02)	1.400(35.56)	34	FSI25401-FS34SXXX8B	3.300(83.82)	3.400(86.36)
15	FSI25401-FS15SXXX8B	1.400(35.56)	1.500(38.10)	35	FSI25401-FS35SXXX8B	3.400(86.36)	3.500(88.90)
16	FSI25401-FS16SXXX8B	1.500(38.10)	1.600(40.64)	36	FSI25401-FS36SXXX8B	3.500(88.90)	3.600(91.44)
17	FSI25401-FS17SXXX8B	1.600(40.64)	1.700(43.18)	37	FSI25401-FS37SXXX8B	3.600(91.44)	3.700(93.98)
18	FSI25401-FS18SXXX8B	1.700(43.18)	1.800(45.72)	38	FSI25401-FS38SXXX8B	3.700(93.98)	3.800(96.52)
19	FSI25401-FS19SXXX8B	1.800(45.72)	1.900(48.26)	39	FSI25401-FS39SXXX8B	3.800(96.52)	3.900(99.06)
20	FSI25401-FS20SXXX8B	1.900(48.26)	2.000(50.80)	40	FSI25401-FS40SXXX8B	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FSI25401-FSXXX8B	ITEM NO. FSI25401	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(SIP Socket) Pitch 2.54mm 180° Vertical	REV 0		SHEET NO. 2/2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X±2'	DRAWN BY JACOB	DATE 29/JUL/13	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)	.XX±1'	X.XXX±.004(0.10)	.XXX±0.5'		

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
1	△	Structure change	18/MAR/20	KATE	CHERRY

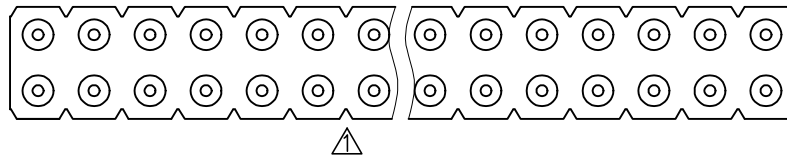
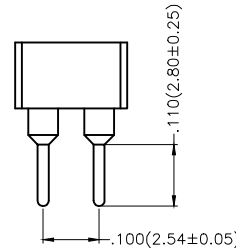
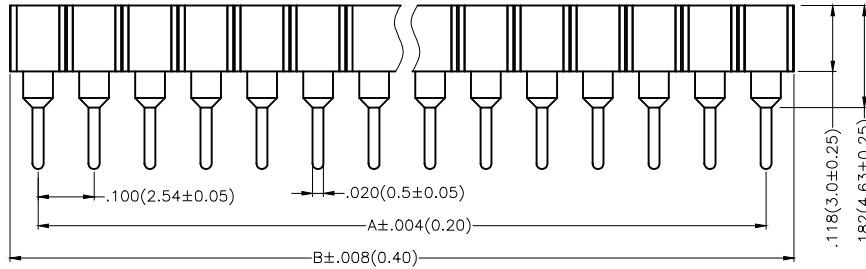
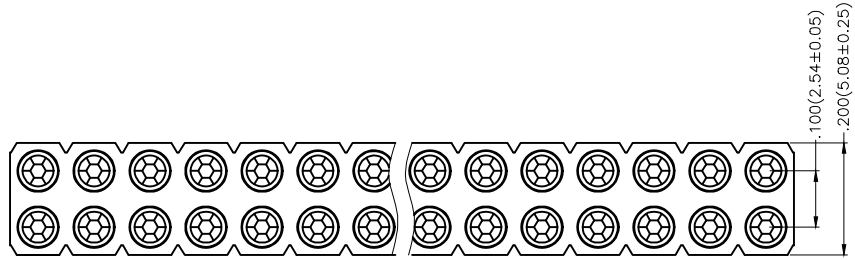
SPECIFICATIONS

Electrical

Current Rating: 3.0A AC(rms)/DC
Voltage Rating: 60V AC(rms)/DC
Contact Resistance: 4 mΩ Max
Insulation Resistance: 1000 MΩ Min
Withstanding Voltage: 600V AC r.m.s.
Temperature Range—Operating: -40°C~+105°C

Material and Plating

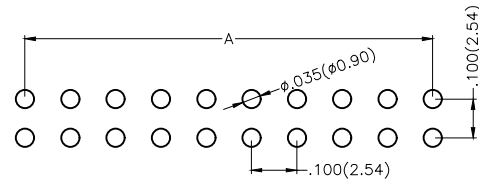
Housing: PPS (UL 94V-0), Color: Black
Pin: Brass
Pin plating: Gold plated/Selective gold in contact area, tin on tail



Ordering Information

FSI 254 01 - F 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 254-Pitch2.54mm	3	Distinction No. 01	4	Type F-Female	5	Row Option D-Double Row	6	Circuits XX
7	Entry Angle S-180° Vertical	8	Plating 1-Gold plated 3-Selective gold in contact area, tin on tail	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

THIRD ANGLE PROJECTION		GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY	DATE	PART NO.	ITEM NO.	TXGA Leader Of Industry	
DESIGN UNITS	INCH (METRIC)	X.±.012(0.30)	X.±5'	FRANK	29/JUL/13	FSI25401-FDXXSXXX8B	FSI25401		
SCALE	SIZE	X.X±.008(0.20)	.X'±2'	CHECKED BY	DATE	TITLE		REV 1	SHEET NO. 1/2
5:1	A4	X.XX±.006(0.15)	.XX'±1'	CHERRY	29/JUL/13	Board to Board(SIP Socket) Pitch 2.54mm 180° Vertical			
		X.XXX±.004(0.10)	.XXX'±0.5'	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			
				JACOB	29/JUL/13				

1 2 3 4 5 6 7 8

REV	LOCATIONS	DESCRIPTION	DATE	REVISED	APPD

A

F

B

E

C

C

D

D



E

E

F

F

Circuits (n)	Part No.	Dimensions(in/mm)		Circuits (n)	Part No.	Dimensions(in/mm)	
		A	B			A	B
2	FSI25401-FD02SXXX8B	—	.100(2.54)	42	FSI25401-FD42SXXX8B	2.000(50.80)	2.100(53.34)
4	FSI25401-FD04SXXX8B	.100(2.54)	.200(5.08)	44	FSI25401-FD44SXXX8B	2.100(53.34)	2.200(55.88)
6	FSI25401-FD06SXXX8B	.200(5.08)	.300(7.62)	46	FSI25401-FD46SXXX8B	2.200(55.88)	2.300(58.42)
8	FSI25401-FD08SXXX8B	.300(7.62)	.400(10.16)	48	FSI25401-FD48SXXX8B	2.300(58.42)	2.400(60.96)
10	FSI25401-FD10SXXX8B	.400(10.16)	.500(12.70)	50	FSI25401-FD50SXXX8B	2.400(60.96)	2.500(63.50)
12	FSI25401-FD02SXXX8B	.500(12.70)	.600(15.24)	52	FSI25401-FD52SXXX8B	2.500(63.50)	2.600(66.04)
14	FSI25401-FD14SXXX8B	.600(15.24)	.700(17.78)	54	FSI25401-FD54SXXX8B	2.600(66.04)	2.700(68.58)
16	FSI25401-FD16SXXX8B	.700(17.78)	.800(20.32)	56	FSI25401-FD56SXXX8B	2.700(68.58)	2.800(71.12)
18	FSI25401-FD18SXXX8B	.800(20.32)	.900(22.86)	58	FSI25401-FD58SXXX8B	2.800(71.12)	2.900(73.66)
20	FSI25401-FD20SXXX8B	.900(22.86)	1.000(25.40)	60	FSI25401-FD60SXXX8B	2.900(73.66)	3.000(76.20)
22	FSI25401-FD22SXXX8B	1.000(25.40)	1.100(27.94)	62	FSI25401-FD62SXXX8B	3.000(76.20)	3.100(78.74)
24	FSI25401-FD24SXXX8B	1.100(27.94)	1.200(30.48)	64	FSI25401-FD64SXXX8B	3.100(78.74)	3.200(81.28)
26	FSI25401-FD26SXXX8B	1.200(30.48)	1.300(33.02)	66	FSI25401-FD66SXXX8B	3.200(81.28)	3.300(83.82)
28	FSI25401-FD28SXXX8B	1.300(33.02)	1.400(35.56)	68	FSI25401-FD68SXXX8B	3.300(83.82)	3.400(86.36)
30	FSI25401-FD30SXXX8B	1.400(35.56)	1.500(38.10)	70	FSI25401-FD70SXXX8B	3.400(86.36)	3.500(88.90)
32	FSI25401-FD32SXXX8B	1.500(38.10)	1.600(40.64)	72	FSI25401-FD72SXXX8B	3.500(88.90)	3.600(91.44)
34	FSI25401-FD34SXXX8B	1.600(40.64)	1.700(43.18)	74	FSI25401-FD74SXXX8B	3.600(91.44)	3.700(93.98)
36	FSI25401-FD36SXXX8B	1.700(43.18)	1.800(45.72)	76	FSI25401-FD76SXXX8B	3.700(93.98)	3.800(96.52)
38	FSI25401-FD38SXXX8B	1.800(45.72)	1.900(48.26)	78	FSI25401-FD78SXXX8B	3.800(96.52)	3.900(99.06)
40	FSI25401-FD40SXXX8B	1.900(48.26)	2.000(50.80)	80	FSI25401-FD80SXXX8B	3.900(99.06)	4.000(101.60)

 THIRD ANGLE PROJECTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 29/JUL/13	PART NO. FSI25401-FDXXSXXX8B	ITEM NO. FSI25401	 Leader Of Industry	
	X.±.012(0.30)	X.±5'	CHECKED BY CHERRY	DATE 29/JUL/13	TITLE Board to Board(SIP Socket) Pitch 2.54mm 180° Vertical	REV 1		SHEET NO. 2/2
	DESIGN UNITS Inch (metric)	X.X±.008(0.20)	.X±2'	DRAWN BY JACOB	DATE 29/JUL/13	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)	.XX±1'	X.XXX±.004(0.10)	.XXX±0.5'		

1 2 3 4 5 6 7 8