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List of "SFV__R-1/2STE1" customer document

DOCUMENT NO.	LIST
SC-SFV01	SPEC.
JSA92450	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2ST_)
JSA92451	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-1ST_)
JSA92452	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-2ST_)
JSA92453	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STE1)
JSA92454	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1STE1)
JSA92455	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-2STE1)
JSA92456	RECOMMENDED CABLE (FPC) (SFV__R-1/2ST_)
JSA92457	RECOMMENDED CABLE (FFC) (SFV__R-1/2ST_)
BJM-SFV101	HANDLING PROCEDURES

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family 58EF					
ltr	ec'n no	dr	date	tolerances unless otherwise specified						title 0.5mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-1/2STE1)					
A	J03-0196	H.T	'03/5/1	angles		linear									
B	J06-0372	H.T	'06/9/7							scale χ 					
				dr	<i>[Signature]</i> 9/7/06						dwg no		sheet 1 of 1	size	
				engr	<i>[Signature]</i> 9/7/06						JSA 95808		A4		
				chr	<i>R. Shouji</i> 9/8/06						type Product Customer Drawing				
				appd	<i>S. O'donovan</i> 9/11/06										
sheet index	revision sheet	B	1									Rev. B			

form: A4

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1
4	SFV4R-1/2ST__	7.5	5.9	15	2.7
5	SFV5R-1/2ST__	8.0	6.4	2.0	3.2
6	SFV6R-1/2ST__	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST__	9.0	7.4	3.0	4.2
8	SFV8R-1/2ST__	9.5	7.9	3.5	4.7
9	SFV9R-1/2ST__	10.0	8.4	4.0	5.2
10	SFV10R-1/2ST__	10.5	8.9	4.5	5.7
11	SFV11R-1/2ST__	11.0	9.4	5.0	6.2
12	SFV12R-1/2ST__	11.5	9.9	5.5	6.7
13	SFV13R-1/2ST__	12.0	10.4	6.0	7.2
14	SFV14R-1/2ST__	12.5	10.9	6.5	7.7
15	SFV15R-1/2ST__	13.0	11.4	7.0	8.2
16	SFV16R-1/2ST__	13.5	11.9	7.5	8.7
17	SFV17R-1/2ST__	14.0	12.4	8.0	9.2
18	SFV18R-1/2ST__	14.5	12.9	8.5	9.7
19	SFV19R-1/2ST__	15.0	13.4	9.0	10.2
20	SFV20R-1/2ST__	15.5	13.9	9.5	10.7
21	SFV21R-1/2ST__	16.0	14.4	10.0	11.2
22	SFV22R-1/2ST__	16.5	14.9	10.5	11.7
23	SFV23R-1/2ST__	17.0	15.4	11.0	12.2
24	SFV24R-1/2ST__	17.5	15.9	11.5	12.7
25	SFV25R-1/2ST__	18.0	16.4	12.0	13.2
26	SFV26R-1/2ST__	18.5	16.9	12.5	13.7
27	SFV27R-1/2ST__	19.0	17.4	13.0	14.2
28	SFV28R-1/2ST__	19.5	17.9	13.5	14.7
29	SFV29R-1/2ST__	20.0	18.4	14.0	15.2
30	SFV30R-1/2ST__	20.5	18.9	14.5	15.7
31	SFV31R-1/2ST__	21.0	19.4	15.0	16.2
32	SFV32R-1/2ST__	21.5	19.9	15.5	16.7
33	SFV33R-1/2ST__	22.0	20.4	16.0	17.2
34	SFV34R-1/2ST__	22.5	20.9	16.5	17.7
35	SFV35R-1/2ST__	23.0	21.4	17.0	18.2

CAT. NO.

SFV (n) R - 1 ST __

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

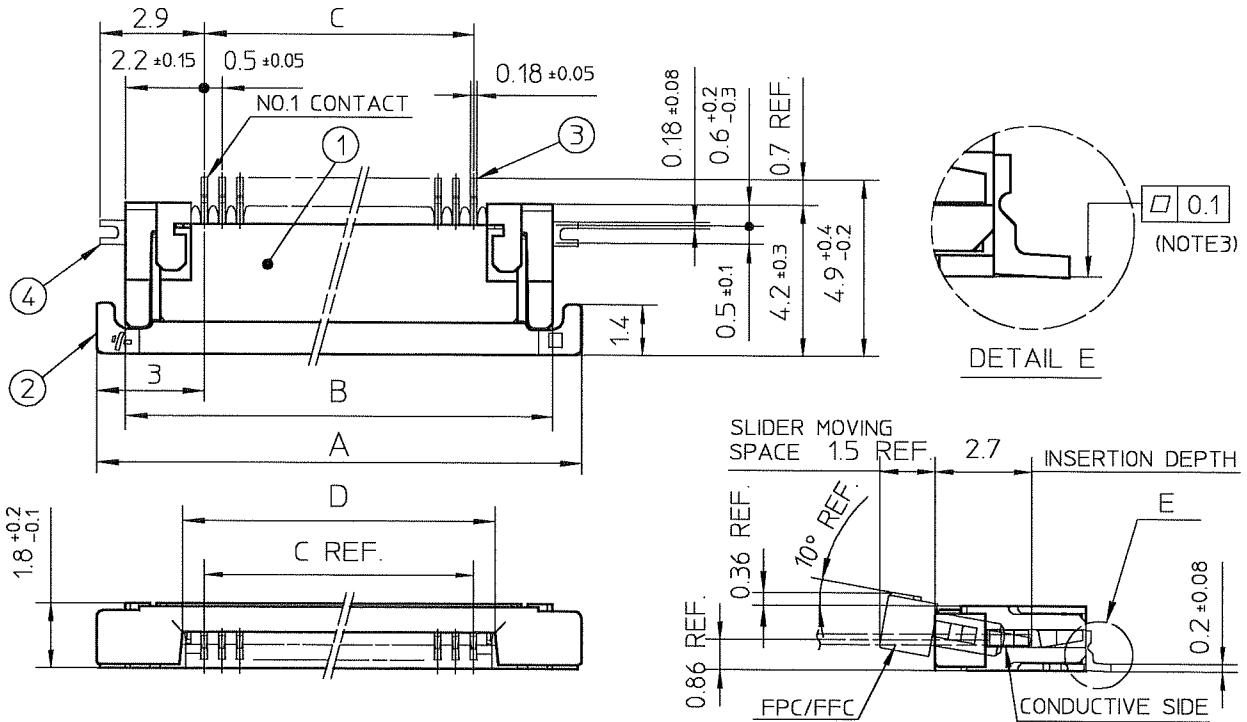
PACKAGE STYLE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A-D.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2ST__)			
1	—	S.I	'93/9/9	angles linear									
2	—	M.H	'95/1/17							dwg no sheet 1 of 1 size JSA 92450 A4			
3	—	M.I	'97/11/5										
4	J00182	M.Y	'00/4/24	dr	H. Hoshino 9/7/06					type Product Customer Drawing			
AA	J03-0196	H.T	'03/5/1	enr	H. Hoshino 9/7/06								
AB	J06-0372	H.T	'06/9/7	chr	R. Shown 9/7/06								
				appd	P. Madan 8/11/06								
sheet index	revision sheet	AB	1										

SC-SFV01 JSA92451, 92452, 92453, 92454, 92455, 92456, 92457
form: A4

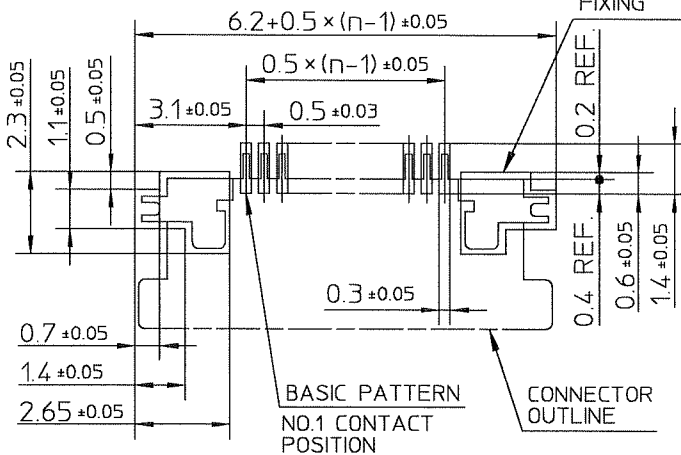


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

PATTERN FOR
MOUNTING PLATE
FIXING

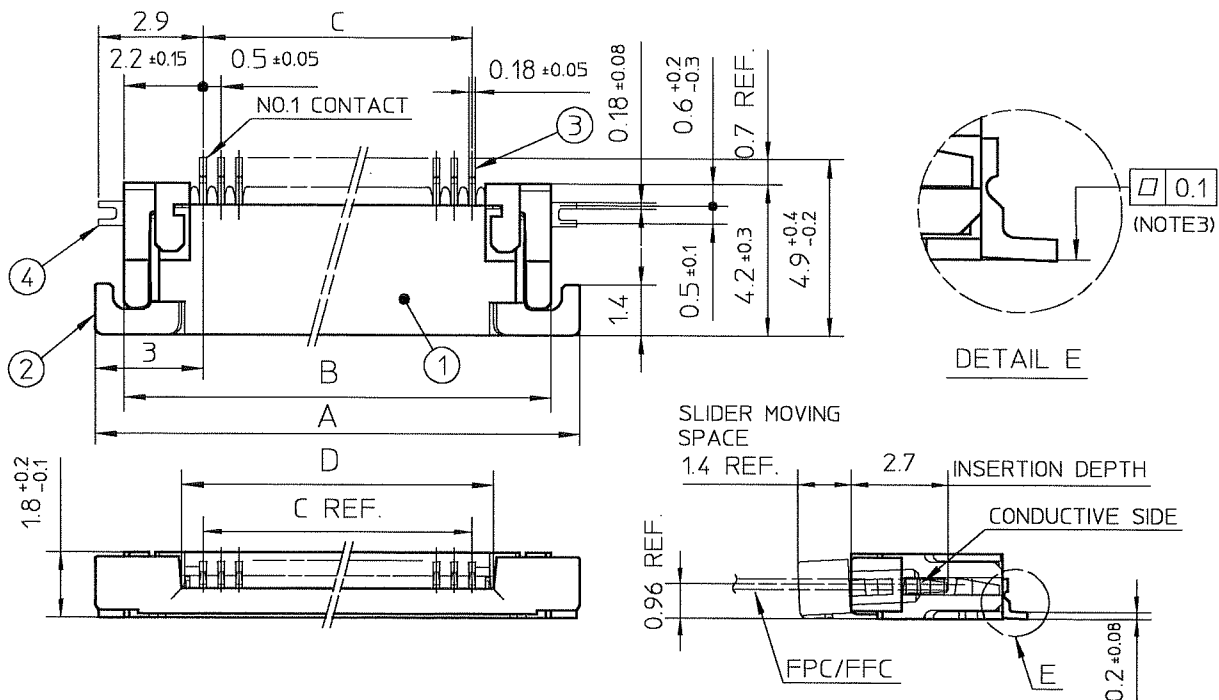


NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.

mat'l. code				surface	tolerance	projection	product family			
				ISO 1302	ISO 406 ISO 1101		58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title			
1		S.I	'93/9/9	angles	linear	± 0.2	CONNECTOR USED FOR FPC/FFC WITH 0.5 mm CONTACT SPACING (Cat No. : SFV__R-1ST__)			
2		M.H	'94/12/8							
3		M.H	'95/11/10							
4	J00182	M.Y	'00/4/24	dr			FCI	dwg no		sheet 1 of 1
AA	J03-0196	H.T	'06/5/1	engr				JSA 92451		size A4
AB	J06-0064	H.T	'06/2/23	chr				type Product Customer Drawing		
AC	J06-0372	H.T	'06/9/7	appd						
sheet	revision	AC								Rev. AC
index	sheet	1								

SC-SFV01 JSA92450
form: A4

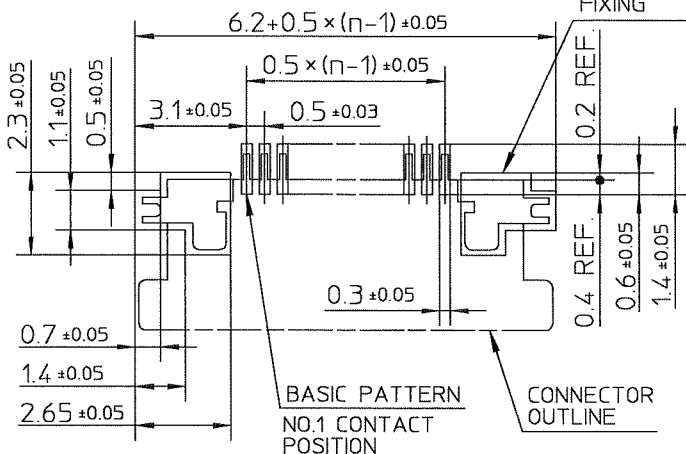


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : TIN ALLOY
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

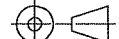
RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

PATTERN FOR MOUNTING PLATE FIXING



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58EF											
ltr	ecn no	dr	date	tolerances unless otherwise specified							title CONNECTOR USED FOR FPC/FFC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-2ST__)										
1	—	S.I	'93/9/9	angles	linear	±0.2															
2	—	M.H	'94/12/8																		
3	—	M.H	'95/11/10							scale	X										
4	J00182	M.Y	'00/4/24	dr	K. Shinoda		9/7/06			dwg no				sheet 1 of 1				size			
AA	J03-0196	H.T	'03/5/1	engr	K. Shinoda		9/7/06			JSA 92452				A4							
AB	J06-0064	H.T	'06/2/23	chr	K. Shinoda		9/8/06														
AC	J06-0372	H.T	'06/9/7	appd	S. Shinoda		9/11/06														
sheet	revision	AC															Rev.				
index	sheet	1															AC				

SC-SFV01 JSA92450
form: A4

1

2

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV4R-1/2STE1	20.4	16	—
5	SFV5R-1/2STE1	20.4	16	—
6	SFV6R-1/2STE1	20.4	16	—
7	SFV7R-1/2STE1	28.4	24	—
8	SFV8R-1/2STE1	28.4	24	—
9	SFV9R-1/2STE1	28.4	24	—
10	SFV10R-1/2STE1	28.4	24	—
11	SFV11R-1/2STE1	28.4	24	—
12	SFV12R-1/2STE1	28.4	24	—
13	SFV13R-1/2STE1	28.4	24	—
14	SFV14R-1/2STE1	28.4	24	—
15	SFV15R-1/2STE1	28.4	24	—
16	SFV16R-1/2STE1	28.4	24	—
17	SFV17R-1/2STE1	28.4	24	—
18	SFV18R-1/2STE1	28.4	24	—
19	SFV19R-1/2STE1	28.4	24	—
20	SFV20R-1/2STE1	28.4	24	—
21	SFV21R-1/2STE1	28.4	24	—
22	SFV22R-1/2STE1	28.4	24	—
23	SFV23R-1/2STE1	36.4	32	28.4
24	SFV24R-1/2STE1	36.4	32	28.4
25	SFV25R-1/2STE1	36.4	32	28.4
26	SFV26R-1/2STE1	36.4	32	28.4
27	SFV27R-1/2STE1	36.4	32	28.4
28	SFV28R-1/2STE1	36.4	32	28.4
29	SFV29R-1/2STE1	36.4	32	28.4
30	SFV30R-1/2STE1	36.4	32	28.4
31	SFV31R-1/2STE1	48.4	44	40.4
32	SFV32R-1/2STE1	48.4	44	40.4
33	SFV33R-1/2STE1	48.4	44	40.4
34	SFV34R-1/2STE1	48.4	44	40.4
35	SFV35R-1/2STE1	48.4	44	40.4

CAT. NO.

SFV (n) R - 1 ST E1

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT DIRECTION

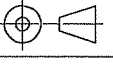
1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

TAPE PACKAGING

NOTES

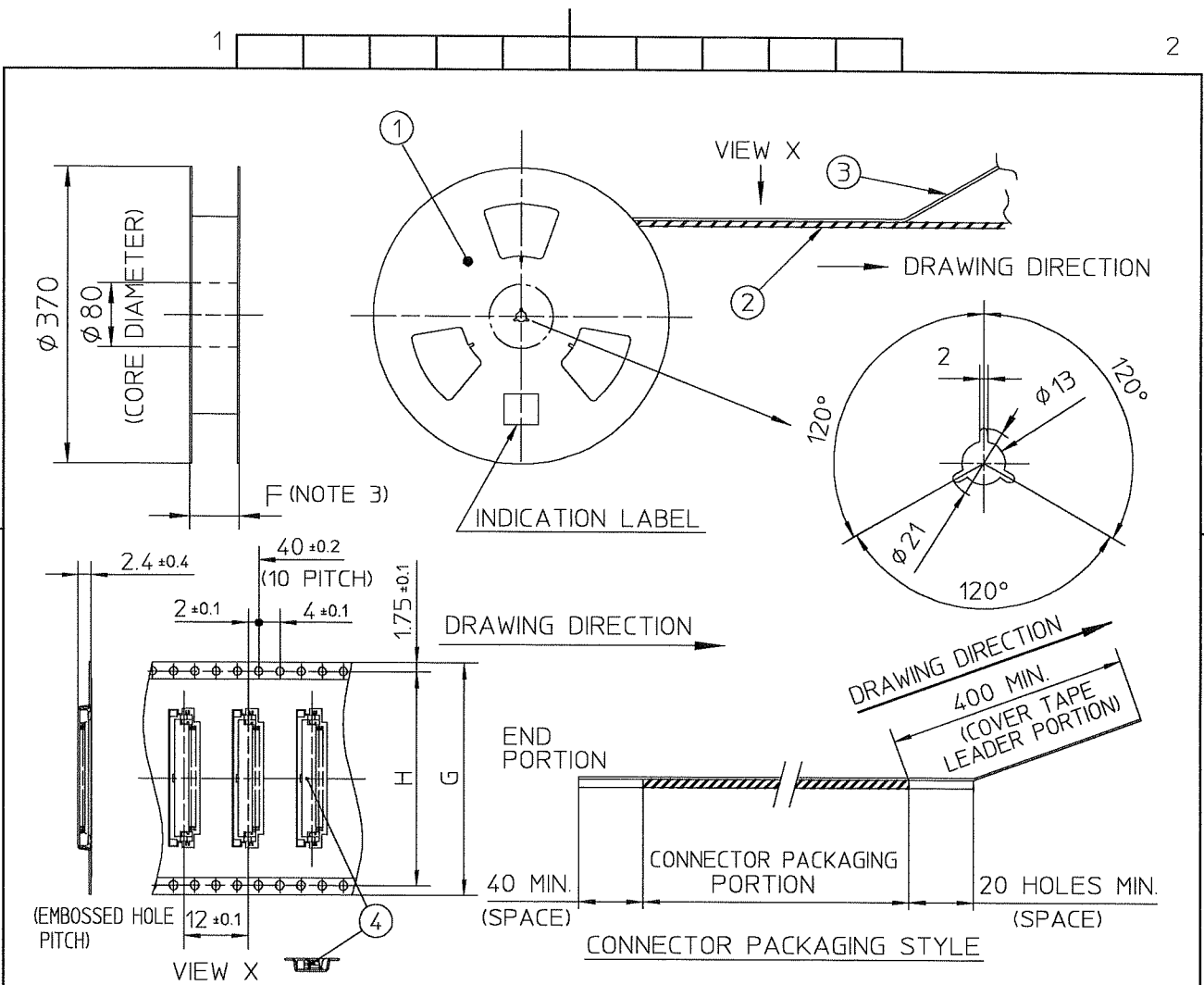
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F-H.

mat'l. code				surface ☒ ISO 1302		tolerance ☒ ISO 406 ☐ ISO 1101		projection 		product family 58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified						title			
4	—	M.I	'97/11/5	angles linear						CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STE1)			
5	J00182	M.Y	'00/4/24										
AA	J03-0196	H.T	'03/5/1	dr <i>K. Shouji</i> 9/7/06 enr <i>U. Takahashi</i> 9/7/06 chr <i>R. Shouji</i> 9/8/06 appd <i>S. Chudana</i> 9/11/06						scale $\propto$			
AB	J06-0372	H.T	'06/9/7										
										dwg no JSA 92453 sheet 1 of 1 size A4			
										type Product Customer Drawing			
sheet index	revision sheet	AB 1	Rev. AB										

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form: A4

1

2



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	—	A-PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-1ST__	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE

NOTES

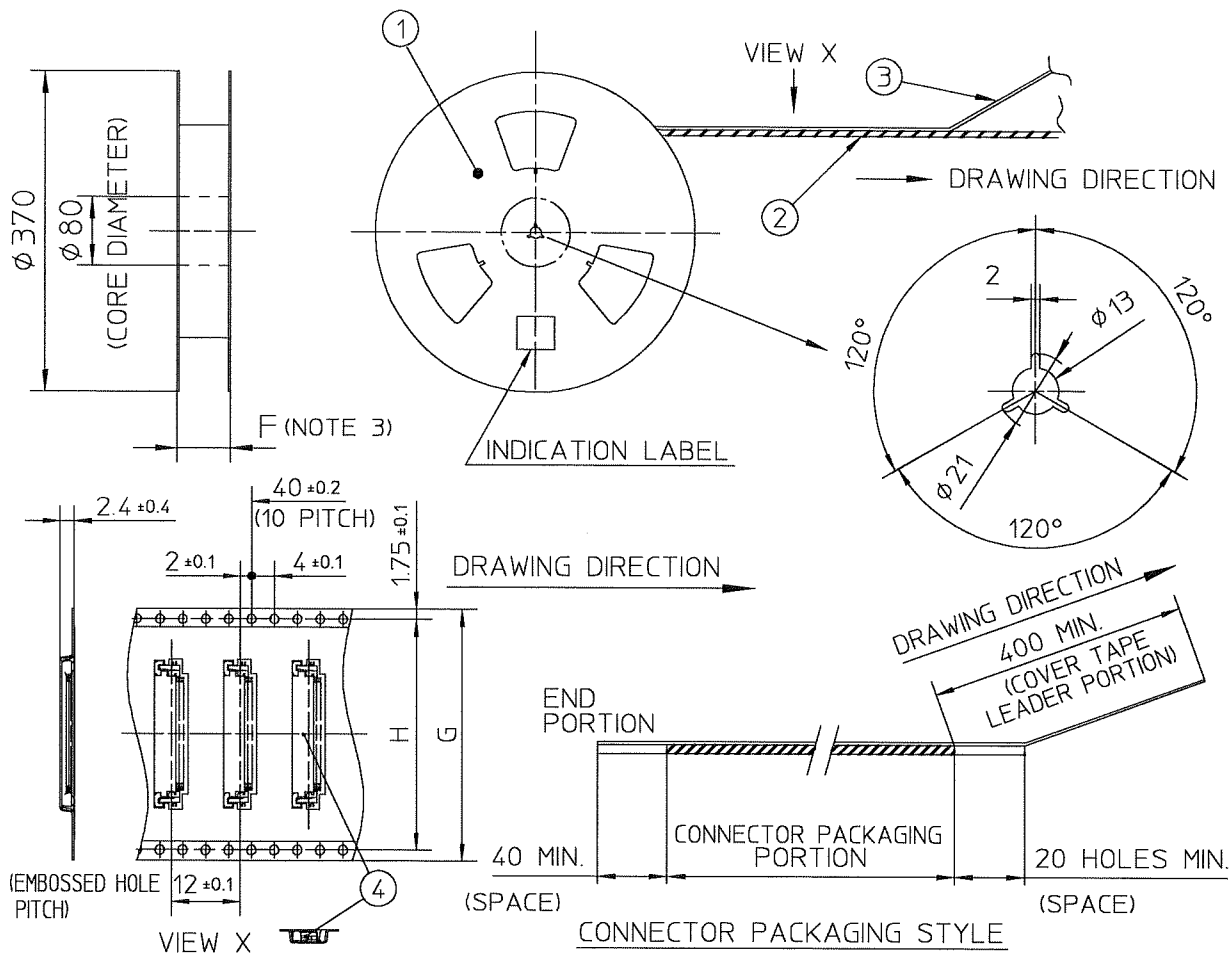
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF			
litr ecn no dr date				tolerances unless otherwise specified				title		PLASTIC TAPE PACKAGED			
1 — MK '96/7/3				angles linear		±5		scale X		0.5 mm CONTACT SPACING CONNECTOR			
AA J03-0196 H.T. '03/5/1				±5°						(Cat. No. : SFV__R-1STE1)			
AB J06-0372 H.T. '06/9/7													
				dr		9/7/06		FCI		dwg no sheet 1 of 1 size			
				engr		9/7/06				JSA 92454 A4			
				chr		9/8/06							
				appd		9/11/06							
sheet index				revision sheet		AB 1				type Product Customer Drawing			
										Rev. AB			



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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	_____	A-PET	_____	COLOR : TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-2ST__	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).

2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSS) TAPE AND REEL.

CHANGED DRAWING PORTION
FORM CHANGED.

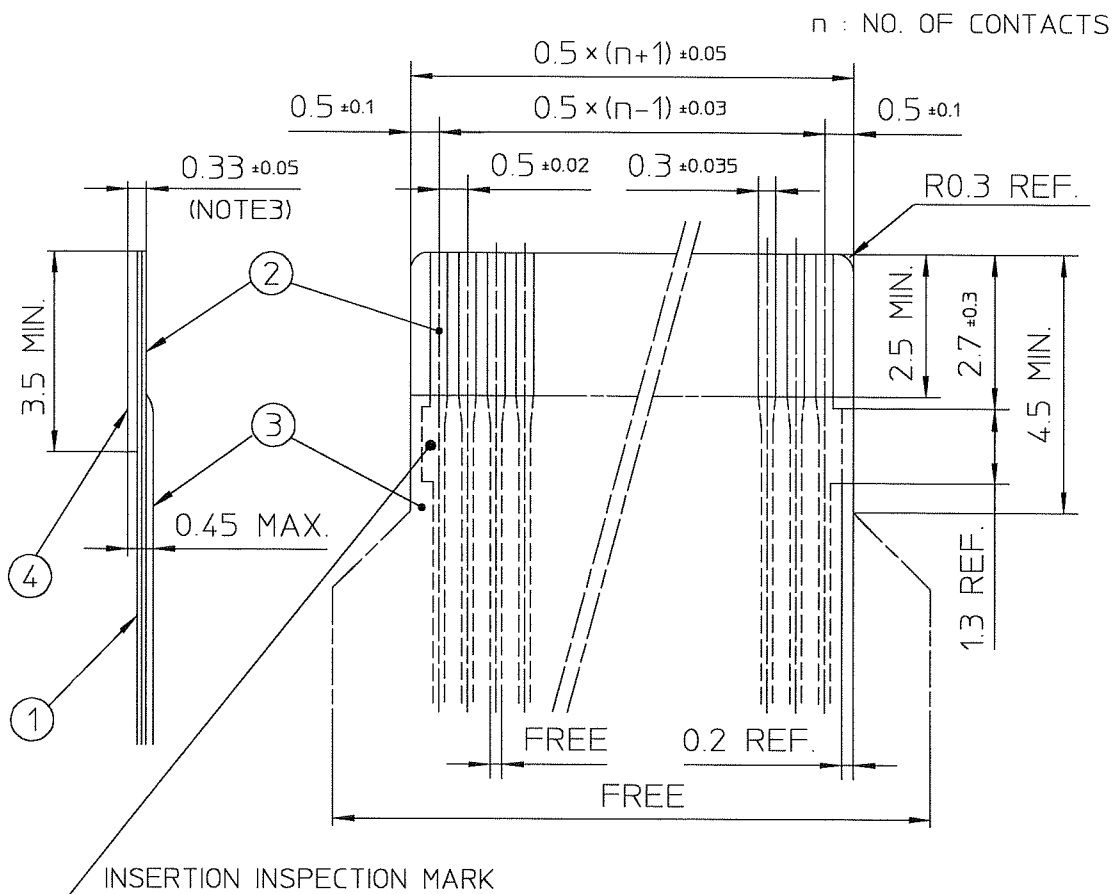
mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection ⊕	product family 58EF			
lfr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-2STE1)			
1	_____	M.K	'96/7/3	angles	linear	±5				
AA	J03-0196	H.T	'03/5/1	±5°						
AB	J06-0372	H.T	'06/9/7							
				dr	engr	chr				
sheet index				revision	AB		dwg no			
sheet				1			sheet 1 of 1			
JSA92450							JSA 92455			
							type Product Customer Drawing			
							Rev. AB			

SC-SFV01 JSA92450
form: A4

1

2

RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 1μm MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.

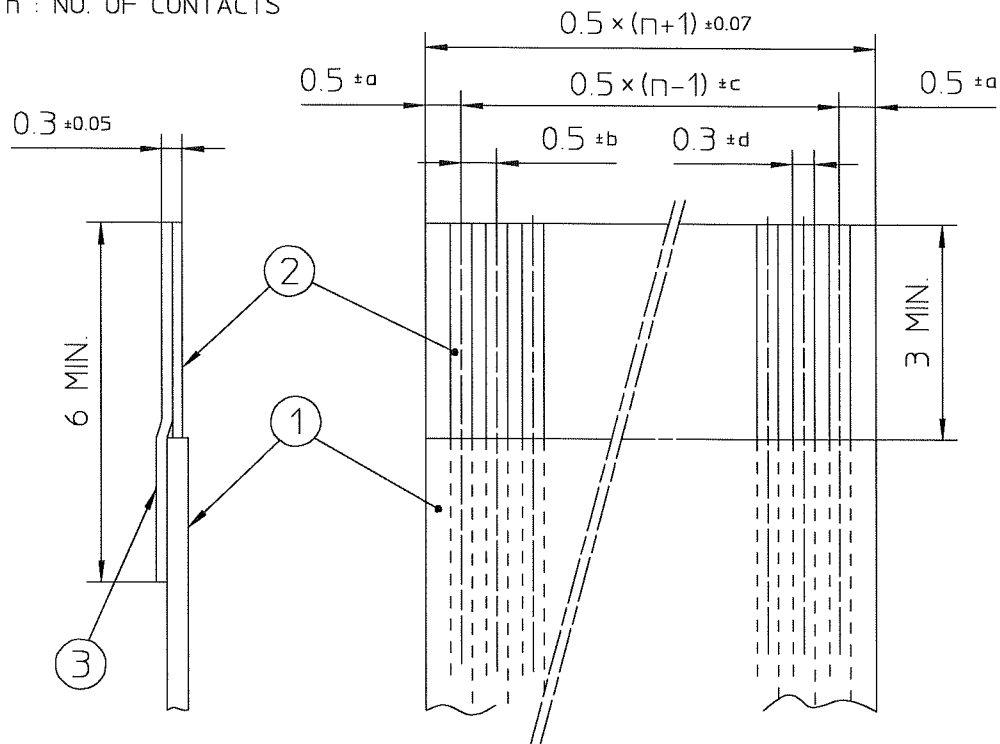
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF					
litr		ecn no		dr		date		tolerances unless otherwise specified		title RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__)		dwg no JSA 92456		sheet 1 of 1 size A4	
1		—		M.H		'94/12/8		angles							
AA		J03-0196		H.T		'03/5/1		linear		scale X		type Product Customer Drawing			
AB		J06-0372		H.T		'06/9/7				FCJ		Rev. AB			
sheet index		revision sheet		AB		1									

SC-SFV01
form: A4

JSA92450

RECOMMENDED CABLE (FFC)

n : NO. OF CONTACTS



KIND OF FFC (NOTE3)	DIMENSIONAL TOLERANCE			
	a	b	c	d
1	±0.07	±0.04	±0.05	±0.02
2	±0.1	±0.03	±0.03	±0.025

PT. NO.	PARTS NAME	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL	_____
2	CONDUCTOR	COPPER FOIL:THICKNESS 35 OR 50 μm	PLATING : TIN OR SOLDER 1 μm MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	_____

NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. EITHER KIND1 OR KIND2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a,b,c AND d.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection ⊕		product family 58EF				
ltr	ecn no	dr	date	tolerances unless otherwise specified						title RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__)				
1	—	S.I	'93/9/9	angles		linear		↔		scale X				
2	—	M.H	'94/12/8											
AA	J03-0196	H.T	'03/5/1							dwg no JSA 92457				
AB	J06-0372	H.T	'06/9/7											
AC	J06-0499	H.T	'06/11/27							sheet 1 of 1 size A4				
				dr		11/27/06		FCI		type Product Customer Drawing				
				enr		11/27/06								
				chr		11/27/06								
				appd		11/28/06								
sheet index	revision sheet	AC	1											Rev. AC

SC-SFV01 JSA92450
form: A4

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

FCI / Amphenol:

[SFV10R-1STE1](#) [SFV16R-1STE1](#) [SFV20R-1STE1](#) [SFV20R-2STE1](#) [SFV30R-2STE1](#) [SFV26R-2STE1](#) [SFV17R-1STE1LF](#) [SFV17R-2STE1LF](#) [SFV25R-1STE1LF](#) [SFV12R-1STE1](#) [SFV12R-2STE1](#) [SFV13R-1STE1](#) [SFV14R-1STE1](#) [SFV14R-2STE1](#) [SFV15R-1STE1](#) [SFV15R-2STE1](#) [SFV16R-2STE1](#) [SFV17R-1STE1](#) [SFV17R-2STE1](#) [SFV18R-1STE1](#) [SFV18R-2STE1](#) [SFV21R-1STE1](#) [SFV21R-2STE1](#) [SFV22R-1STE1](#) [SFV22R-2STE1](#) [SFV24R-1STE1](#) [SFV24R-2STE1](#) [SFV25R-1STE1](#) [SFV28R-1STE1](#) [SFV28R-2STE1](#) [SFV30R-1STE1](#) [SFV31R-1STE1](#) [SFV32R-1STE1](#) [SFV32R-2STE1](#) [SFV33R-1STE1](#) [SFV33R-2STE1](#) [SFV34R-1STE1](#) [SFV34R-2STE1](#) [SFV35R-1STE1](#) [SFV35R-2STE1](#) [SFV5R-1STE1](#) [SFV5R-2STE1](#) [SFV6R-1STE1](#) [SFV6R-2STE1](#) [SFV7R-2STE1](#) [SFV8R-1STE1](#) [SFV8R-2STE1](#)