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mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family 58EF		CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm 		title 0.5mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-3/4STBE1HLF)				
A	J11-0011	S.W.	2011-1-14	angles linear										
								scale $\propto$						
				dr	S. Nishimura		2011-1-14				dwg no		sheet 1 of 8	size
				enrg	S. Nishimura		2011-1-14				10116954		A4	
				chr	N. Kamada		2011-1-14							
				appd	M. Kamae		Jan 4-11							
sheet index	revision sheet	A	A	A	A	A	A	A	A	type Product Customer Drawing				Rev. A
		1	2	3	4	5	6	7	8					

form: A4

1

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List of "SFV__R-3/4STBE1HLF" customer document

DOCUMENT NO.	LIST
10116954(Sheet1)	DOCUMENT LIST
10116954(Sheet2)	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STB_HLF)
10116954(Sheet3)	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-3STB_HLF)
10116954(Sheet4)	CONNECTOR USED FOR FPC WITH 0.5mm CONTACT SPACING (SFV__R-4STB_HLF)
10116954(Sheet5)	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3/4STBE1HLF)
10116954(Sheet6)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-3STBE1HLF)
10116954(Sheet7)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-4STBE1HLF)
10116954(Sheet8)	RECOMMENDED CABLE (FPC) (SFV__R-3/4STB_HLF)
GS-12-0783	SPEC.
BJM-SFV102	HANDLING PROCEDURES

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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1
4	SFV 4R-3/4STB__HLF	7.5	5.9	1.5	1.6
5	SFV 5R-3/4STB__HLF	8.0	6.4	2.0	2.1
6	SFV 6R-3/4STB__HLF	8.5	6.9	2.5	2.6
7	SFV 7R-3/4STB__HLF	9.0	7.4	3.0	3.1
8	SFV 8R-3/4STB__HLF	9.5	7.9	3.5	3.6
9	SFV 9R-3/4STB__HLF	10.0	8.4	4.0	4.1
10	SFV10R-3/4STB__HLF	10.5	8.9	4.5	4.6
11	SFV11R-3/4STB__HLF	11.0	9.4	5.0	5.1
12	SFV12R-3/4STB__HLF	11.5	9.9	5.5	5.6
13	SFV13R-3/4STB__HLF	12.0	10.4	6.0	6.1
14	SFV14R-3/4STB__HLF	12.5	10.9	6.5	6.6
15	SFV15R-3/4STB__HLF	13.0	11.4	7.0	7.1
16	SFV16R-3/4STB__HLF	13.5	11.9	7.5	7.6
17	SFV17R-3/4STB__HLF	14.0	12.4	8.0	8.1
18	SFV18R-3/4STB__HLF	14.5	12.9	8.5	8.6
19	SFV19R-3/4STB__HLF	15.0	13.4	9.0	9.1
20	SFV20R-3/4STB__HLF	15.5	13.9	9.5	9.6
21	SFV21R-3/4STB__HLF	16.0	14.4	10.0	10.1
22	SFV22R-3/4STB__HLF	16.5	14.9	10.5	10.6
23	SFV23R-3/4STB__HLF	17.0	15.4	11.0	11.1
24	SFV24R-3/4STB__HLF	17.5	15.9	11.5	11.6
25	SFV25R-3/4STB__HLF	18.0	16.4	12.0	12.1
26	SFV26R-3/4STB__HLF	18.5	16.9	12.5	12.6
27	SFV27R-3/4STB__HLF	19.0	17.4	13.0	13.1
28	SFV28R-3/4STB__HLF	19.5	17.9	13.5	13.6
29	SFV29R-3/4STB__HLF	20.0	18.4	14.0	14.1
30	SFV30R-3/4STB__HLF	20.5	18.9	14.5	14.6
31	SFV31R-3/4STB__HLF	21.0	19.4	15.0	15.1
32	SFV32R-3/4STB__HLF	21.5	19.9	15.5	15.6
33	SFV33R-3/4STB__HLF	22.0	20.4	16.0	16.1
34	SFV34R-3/4STB__HLF	22.5	20.9	16.5	16.6
35	SFV35R-3/4STB__HLF	23.0	21.4	17.0	17.1

CAT. NO.

SFV (n) R - 3 ST B _ _ _ HLF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3: LOWER CONTACT TYPE

4: UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING
(SMT)

PLATING VARIATION

PACKAGE STYLE

HALOGEN AND LEAD FREE

NOTES

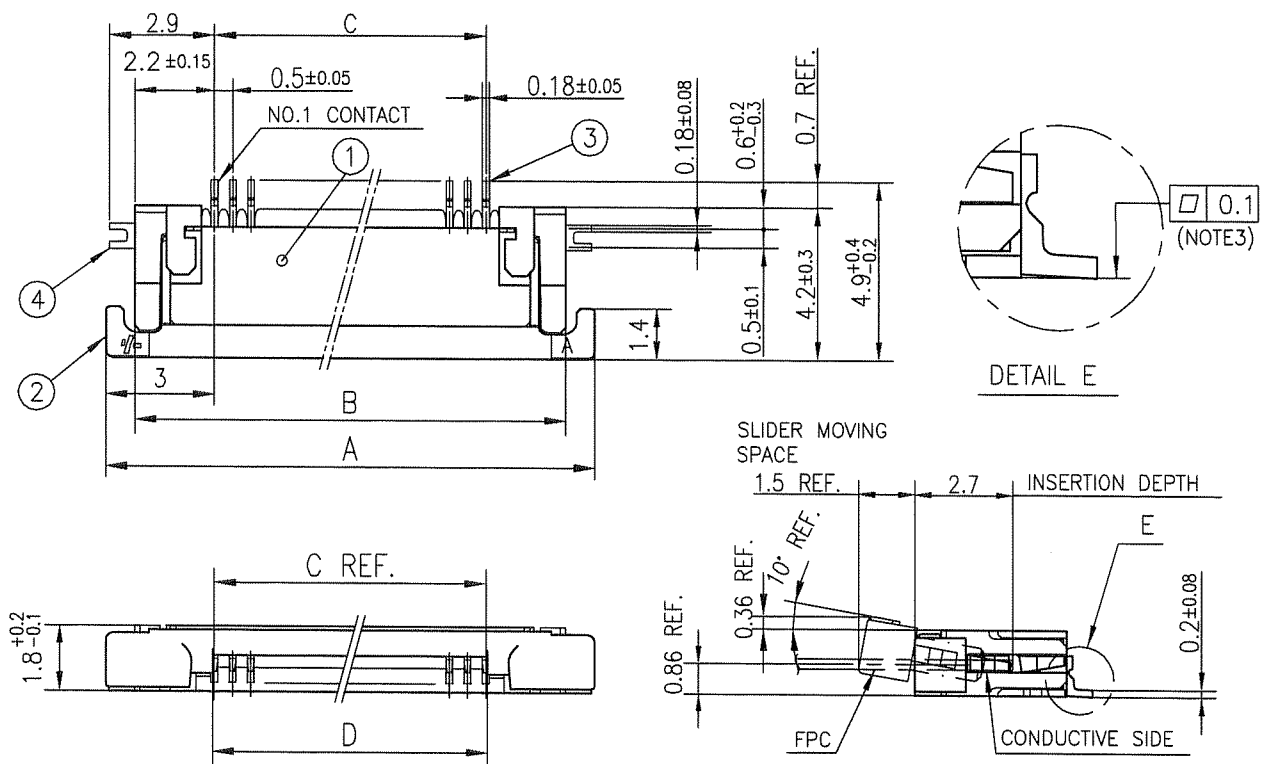
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

mat'l. code				surface ISO 1302 ☒		tolerance ISO 406 ISO 1101		projection 		product family 58EF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4STB__HLF)			
A				angles	linear			scale $\propto$		dwg no 10116954			
				dr	engr	chr	appd	2011-1-14		sheet 2 of 8		size A4	
sheet index				revision sheet						type Product Customer Drawing		Rev. A	

form: A4

1

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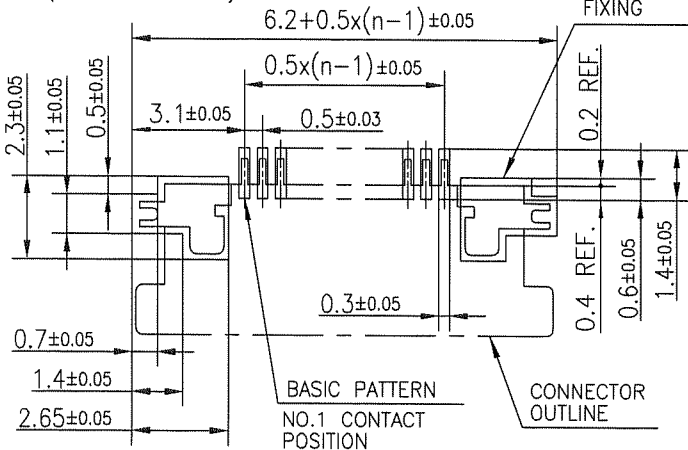


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
		4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)		
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : GRAY (HALOGEN FREE)
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : MATTE TIN

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

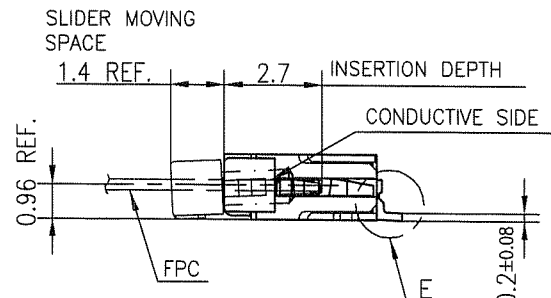
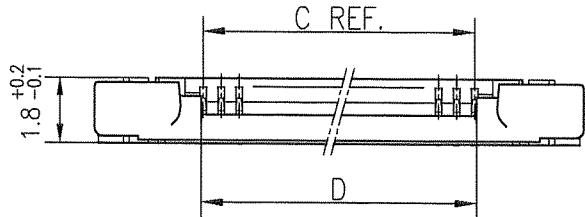
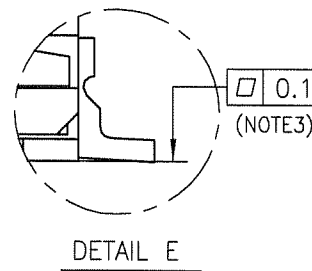
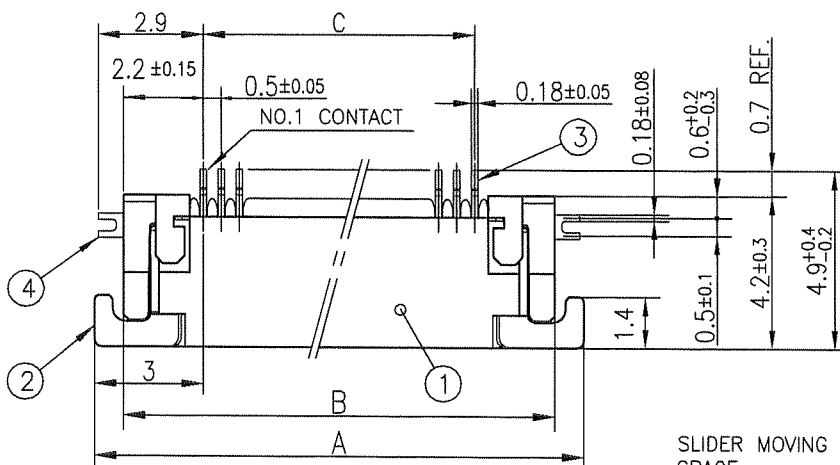
PATTERN FOR
MOUNTING PLATE
FIXING

n : NO. OF CONTACTS



- NOTES
- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COTES WITH AUTOMATIC MOUNTING (SMT).
 - 2.THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
 - 3.FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
 - 4.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
 - 5.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

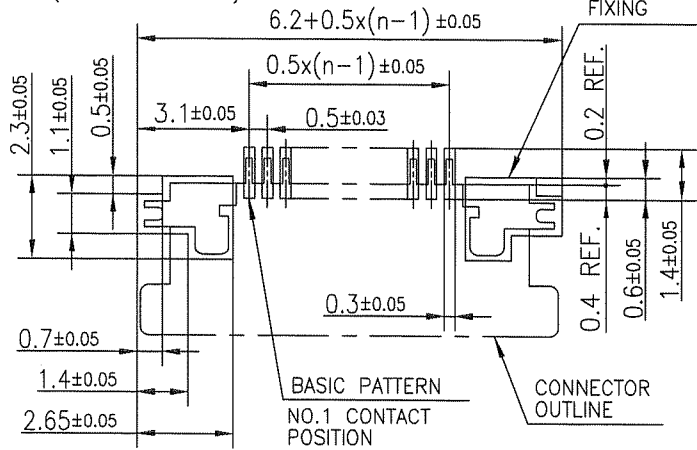
mat'l. code				surface ☒ ISO 1302 ☒ tolerance ☒ ISO 406 ☒ ISO 1101		projection		product family 58EF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
A				angles	linear	mm		CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-3STB__HLF)			
				dr	S. Watanabe	2011-1-14	scale		dwg no		sheet 3 of 8
				enr	S. Watanabe	2011-1-14	FCJ		10116954		size A4
				chr	Y. Yamada	2011-1-14					
				appd	M. Ohta	2011-1-14					
sheet index		revision sheet						type Product Customer Drawing		Rev. A	



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
		4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)		
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : GRAY (HALOGEN FREE)
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD WITH Ni DAM
4	MOUNTING PLATE		2	PLATING : MATTE TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

- 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
- 2.THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
- 3.FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
- 4.THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 5.THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection mm		product family 58EF		CODE JP	
ltr A				ecn no		dr		date		title CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-4STB__HLF)		dwg no 10116954	
sheet index				revision sheet		dr S. Watanabe		2011-1-14		sheet 4 of 8		size A4	
				engr S. Watanabe		2011-1-14				type Product Customer Drawing		Rev. A	
				chr Y. Kameda		2011-1-14							
				appd M. Kameda		2011-1-14							

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV 4R-3/4STBE1HLF	20.4	16	—
5	SFV 5R-3/4STBE1HLF	20.4	16	—
6	SFV 6R-3/4STBE1HLF	20.4	16	—
7	SFV 7R-3/4STBE1HLF	28.4	24	—
8	SFV 8R-3/4STBE1HLF	28.4	24	—
9	SFV 9R-3/4STBE1HLF	28.4	24	—
10	SFV10R-3/4STBE1HLF	28.4	24	—
11	SFV11R-3/4STBE1HLF	28.4	24	—
12	SFV12R-3/4STBE1HLF	28.4	24	—
13	SFV13R-3/4STBE1HLF	28.4	24	—
14	SFV14R-3/4STBE1HLF	28.4	24	—
15	SFV15R-3/4STBE1HLF	28.4	24	—
16	SFV16R-3/4STBE1HLF	28.4	24	—
17	SFV17R-3/4STBE1HLF	28.4	24	—
18	SFV18R-3/4STBE1HLF	28.4	24	—
19	SFV19R-3/4STBE1HLF	28.4	24	—
20	SFV20R-3/4STBE1HLF	28.4	24	—
21	SFV21R-3/4STBE1HLF	28.4	24	—
22	SFV22R-3/4STBE1HLF	28.4	24	—
23	SFV23R-3/4STBE1HLF	36.4	32	28.4
24	SFV24R-3/4STBE1HLF	36.4	32	28.4
25	SFV25R-3/4STBE1HLF	36.4	32	28.4
26	SFV26R-3/4STBE1HLF	36.4	32	28.4
27	SFV27R-3/4STBE1HLF	36.4	32	28.4
28	SFV28R-3/4STBE1HLF	36.4	32	28.4
29	SFV29R-3/4STBE1HLF	36.4	32	28.4
30	SFV30R-3/4STBE1HLF	36.4	32	28.4
31	SFV31R-3/4STBE1HLF	48.4	44	40.4
32	SFV32R-3/4STBE1HLF	48.4	44	40.4
33	SFV33R-3/4STBE1HLF	48.4	44	40.4
34	SFV34R-3/4STBE1HLF	48.4	44	40.4
35	SFV35R-3/4STBE1HLF	48.4	44	40.4

CAT. NO.

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3: LOWER CONTACT TYPE

4: UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING
(SMT)

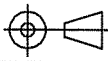
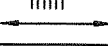
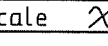
PLATING VARIATION

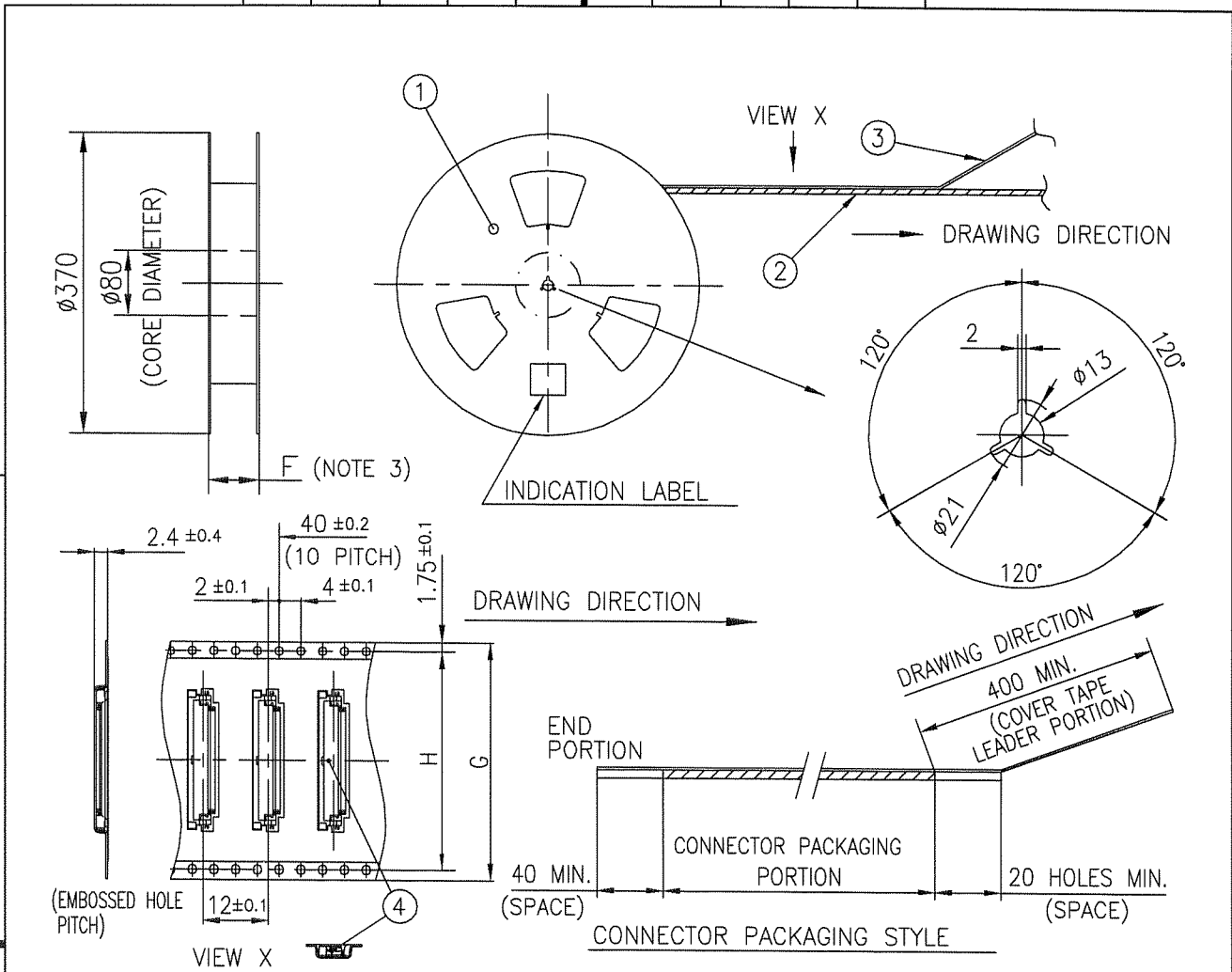
PACKAGE STYLE

HALOGEN FREE AND LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

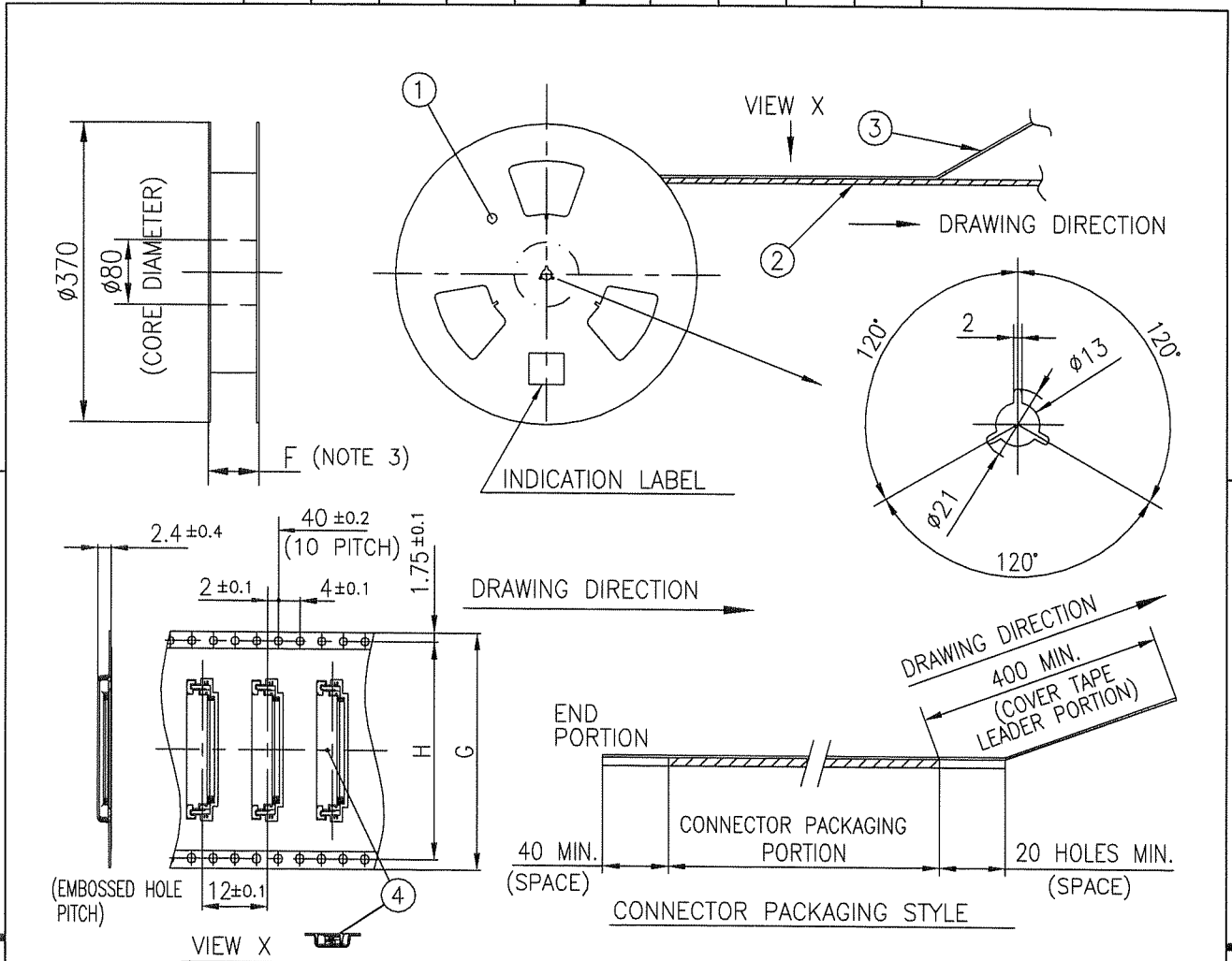
mat'l. code				surface ☒ ISO 1302 ☒ tolerance ☒ ISO 406 ☒ ISO 1101		projection 		product family 58EF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm 		title			
A				angles	linear	scale 		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4STBE1HLF)			
				dr	S. H. T. / 2011-1-14	F C I		dwg no		sheet 5 of 8	size
				enrg	S. H. T. / 2011-1-14			10116954			A4
				chr	Y. K. / 2011-1-14			type Product Customer Drawing			
				appd	M. C. / Jan 4/11						
sheet index	revision sheet										Rev. A



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		COLO : TRANSPARENCY
4	CONNECTOR	SFV__R-3STB__HLF	SEE ATTACHED DWG.	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

- NOTES
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPES 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		CODE JP	
ltr				ecn no		dr		date		title	
A										PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3STBE1HLF)	
				angles		linear		mm		dwg no	
				±5'				scale		sheet 6 of 8	
				dr		S. H. H. H.		2011-1-14		size	
				enr		S. H. H. H.		2011-1-14		A4	
				chr		Y. T. M. H.		2011-1-14		type	
				appd		M. H. H. H.		J. H. H. H.		Product Customer Drawing	
sheet index		revision sheet								Rev. A	



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-4STB__HLF	SEE ATTACHED DWG.	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

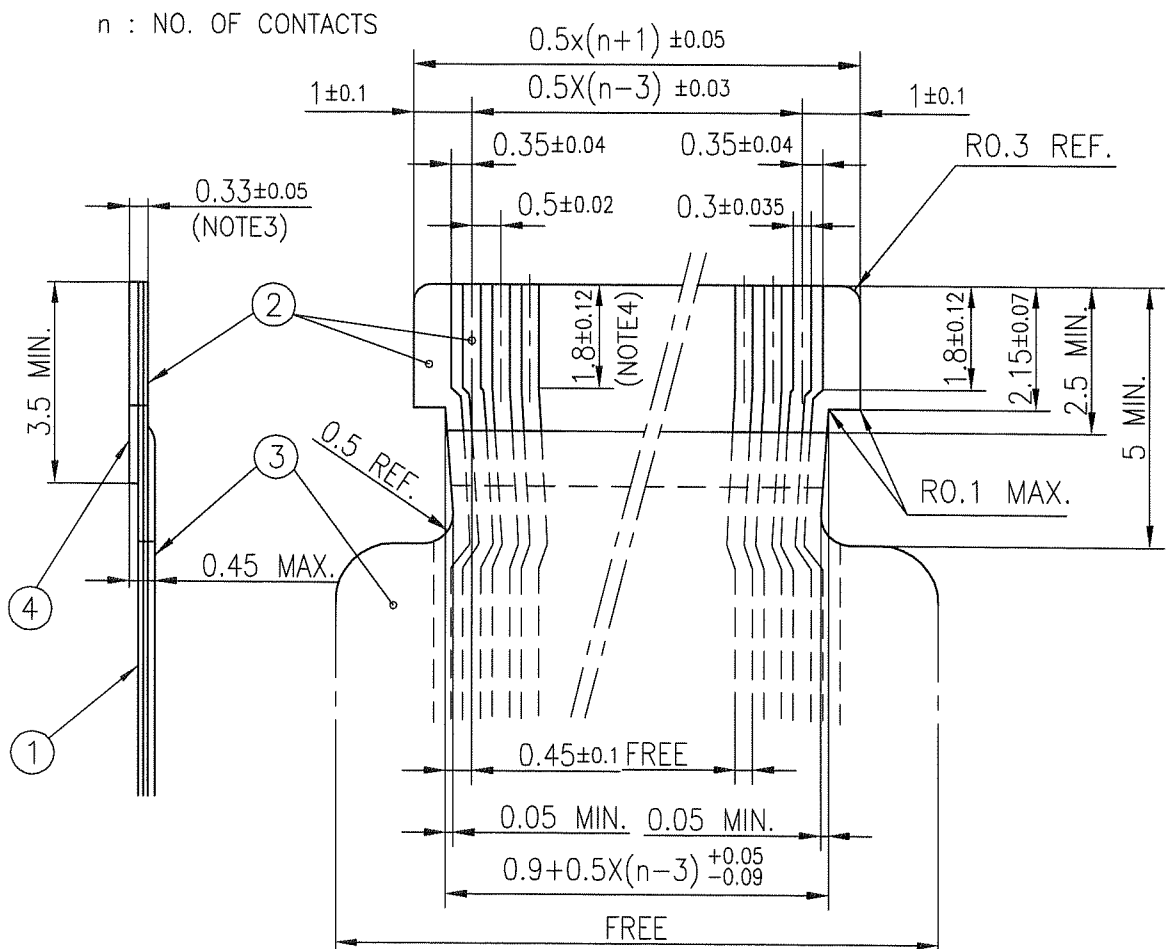
NOTES

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

mat'l. code				surface ☒ ISO 1302 ☒ ISO 406 ☒ ISO 1101		projection		product family 58EF		CODE JP	
ltr ecn no dr date				tolerances unless otherwise specified				title			
A				angles linear ±5		mm		PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-4STBE1HLF)			
				±5'		scale $\propto$		dwg no sheet 7 of 8 size			
				dr S. W. H. 2011-1-14				10116954 A4			
				enr S. W. H. 2011-1-14				type Product Customer Drawing			
				chr Z. K. 2011-1-14							
				appd J. K. 2011-1-14							
sheet index		revision sheet								Rev. A	

form: A4

RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (°m)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	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.
4. THIS DIMENSION INDICATES THE RANGE FOR 0.3±0.035 CONDUCTOR WIDTH.

mat'l. code				surface ☒ ISO 1302 ☒ tolerance ☒ ISO 406 ☒ ISO 1101		projection		product family 58EF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
A				angles	linear	mm		RECOMMENDED CABLE			
						scale $\propto$		(Cat. No. : SFV__R-3/4STB__HLF)			
				dr	S. Hattori	2011-1-14		dwg no		sheet 8 of 8	size
				enr	S. Hattori	2011-1-14		10116954			A4
				chr	J. Kameoka	2011-1-14					
				appd	M. Umezaki	2011-1-14					
sheet index		revision sheet						type Product Customer Drawing		Rev. A	