

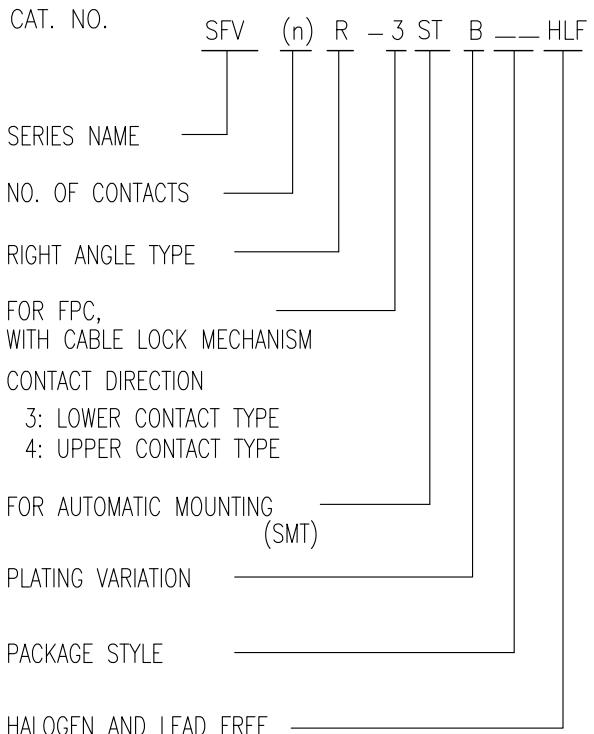
List of "SFV__R-3/4STBE1HLF" customer document

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

mat'l. code				surface			tolerance		projection		product family					
-				ISO 1302			ISO 406		ISO 1101		58EF					
ltr	ecn no	dr	date	tolerances unless otherwise specified												
A	J11-0011	S.W	2011-1-14	angles	linear											
B	ELX-J-32839	S.W	2019-3-6													
				dr	S.WATANABE	2019-3-6										
				engr	S.WATANABE	2019-3-6										
				chr	S-H.THIO	2019-3-7										
				appd	Y.KAMEDA	2019-3-7										
sheet index	revision	B	B	B	B	B	B	B	B							
		1	2	3	4	5	6	7	8							

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



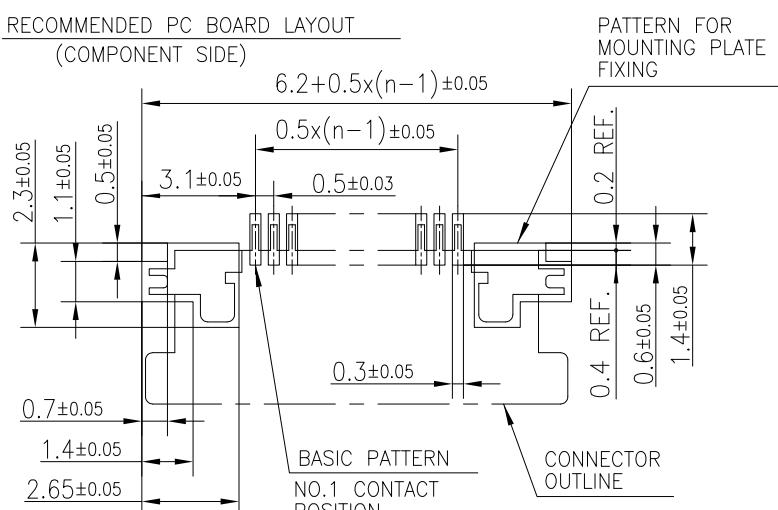
NOTES

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

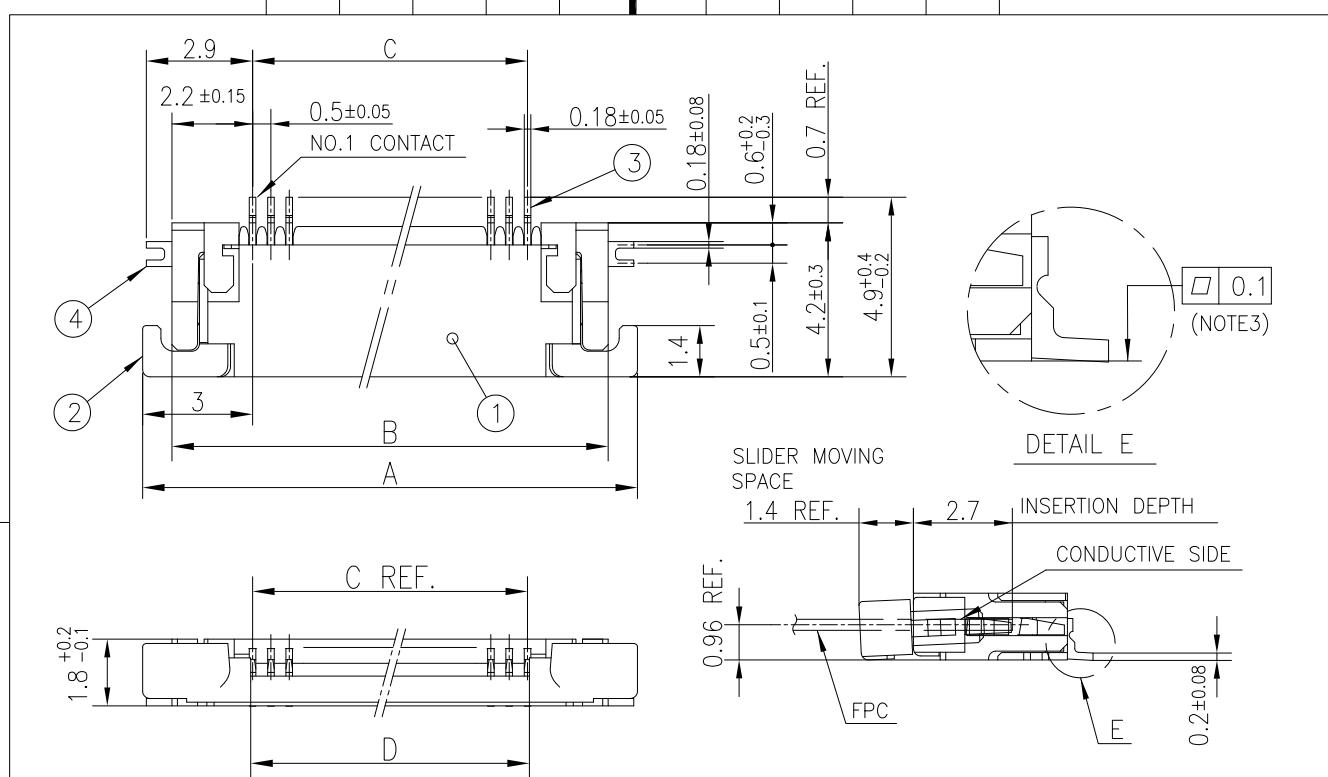
mat'l. code				surface		tolerance		projection	product family	
-				ISO 1302		✓ ISO 406 ISO 1101			58EF	
ltr	ecn no	dr	date	tolerances unless otherwise specified					title	
B				angles		linear		MM	CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-3/4STB__HLF)	
								scale N/A	dwg no	sheet 2 of 8
				dr	S.WATANABE	2019-3-6			10116954	size
				engr	S.WATANABE	2019-3-6				A4
				chr	S-H.THIO	2019-3-7				
				appd	Y.KAMEDA	2019-3-7				
sheet index	revision sheet								type	Product
									Customer	Drawing

PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0) 4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
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

n : NO. OF CONTACTS

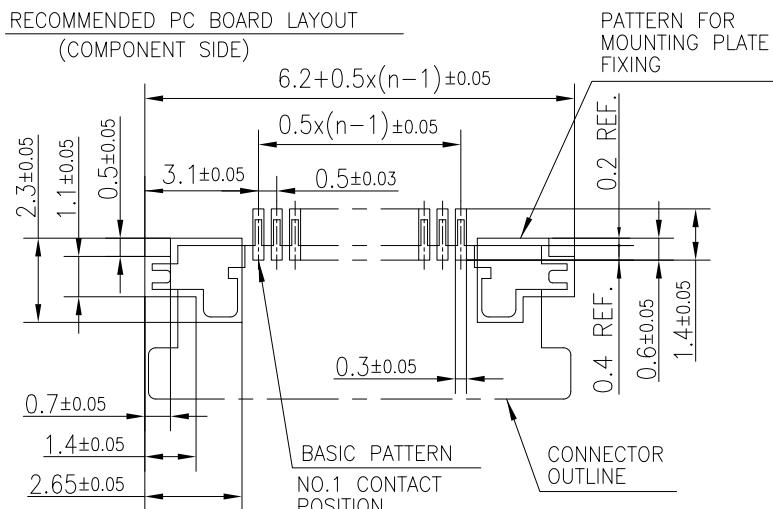


mat'l. code				surface			tolerance			projection	product family	
ltr	ecn no	dr	date	ISO 1302			✓	ISO 406	ISO 1101		58EF	
B				angles		linear	± 0.2			MM		
										scale N/A		
				dr	S.WATANABE		2019-3-6					
				engr	S.WATANABE		2019-3-6				title	
				chr	S-H.THIO		2019-3-7				CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV_R-3STB_HLF)	
				appd	Y.KAMEDA		2019-3-7					
sheet	revision							dwg no			size	
		sheet			10116954			A4				
type Product Customer Drawing												



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0) 4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
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

n : NO. OF CONTACTS



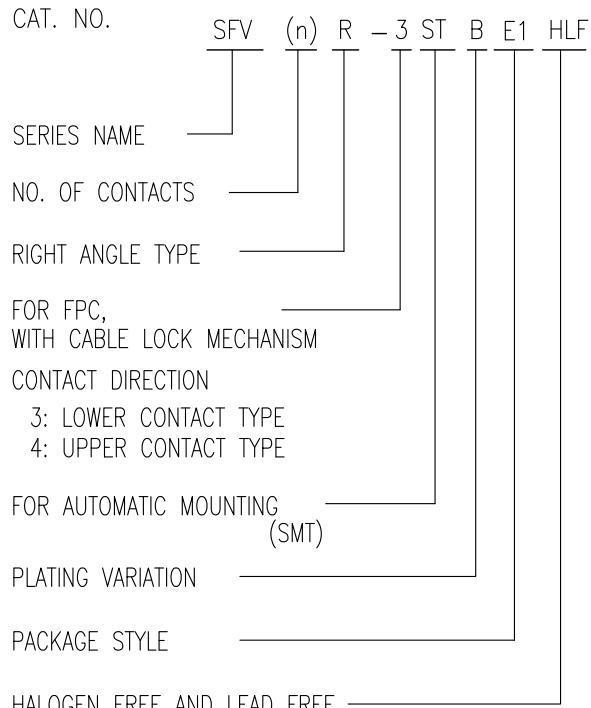
NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES 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		tolerance		projection	product family	58EF	
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
B				angles		±0.2	CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-4STB__HFL)		
				linear			scale N/A		
				dr	S.WATANABE	2019-3-6	dwg no	sheet 4 of 8	
				engr	S.WATANABE	2019-3-6		10116954	
				chr	S-H.THIO	2019-3-7	Amphenol		
				appd	Y.KAMEDA	2019-3-7	FCI		
sheet		revision						type	
index		sheet						Product Customer Drawing	

CAT. NO. & DIMENSIONS

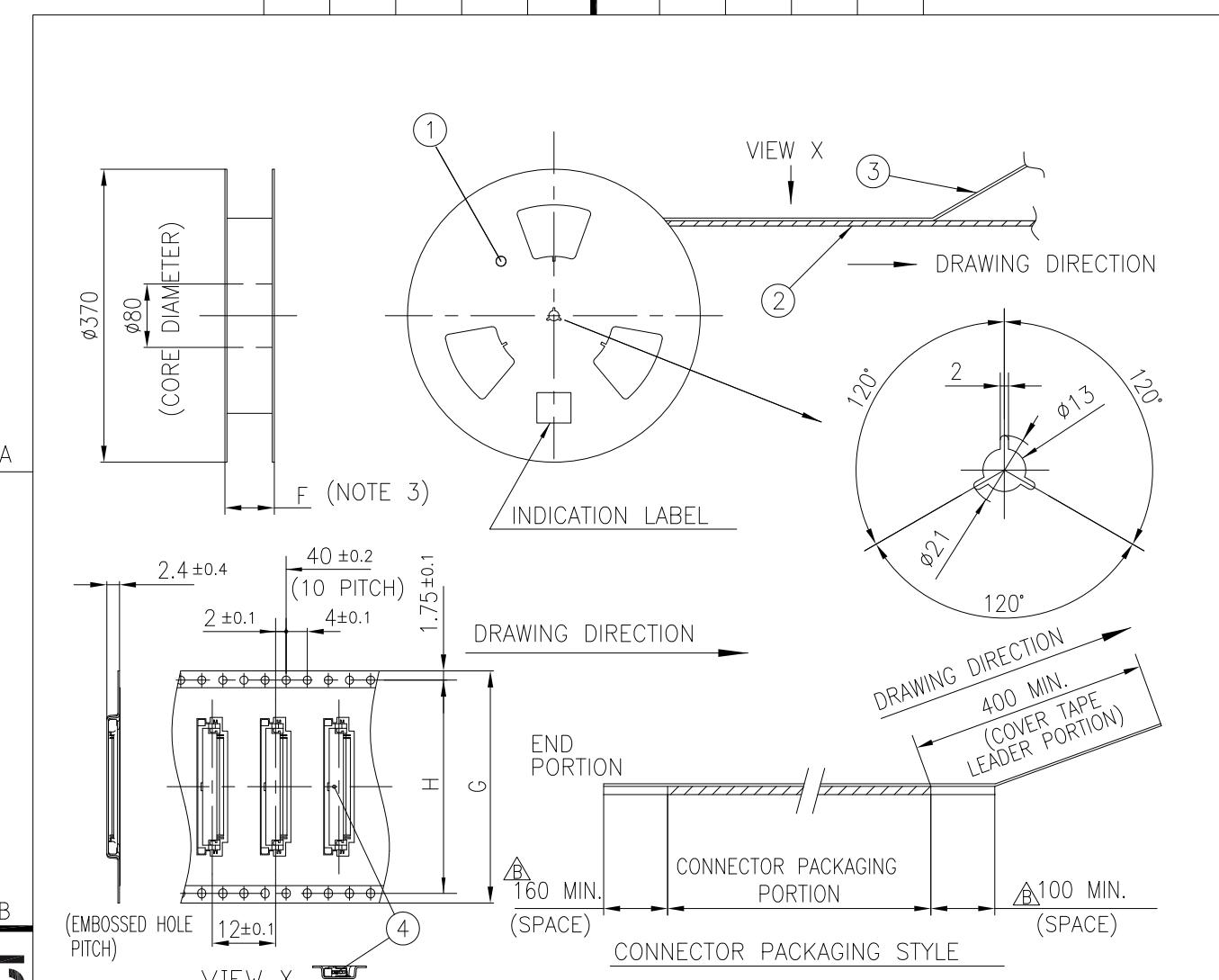
NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV 4R-3/4STBE1HLF	20.4	16	—
5	SFV 5R-3/4STBE1HLF	20.4	16	—
6	SFV 6R-3/4STBE1HLF	20.4	16	—
7	SFV 7R-3/4STBE1HLF	28.4	24	—
8	SFV 8R-3/4STBE1HLF	28.4	24	—
9	SFV 9R-3/4STBE1HLF	28.4	24	—
10	SFV10R-3/4STBE1HLF	28.4	24	—
11	SFV11R-3/4STBE1HLF	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



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPIES 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		tolerance		projection	product family		
—		ISO 1302 ✓		ISO 406 ISO 1101			58EF		
ltr	ecn no	dr	date	tolerances unless otherwise specified					
B				angles	linear				
						MM			
						scale N/A			
		dr	S.WATANABE	2019-3-6					
		engr	S.WATANABE	2019-3-6					
		chr	S-H.THIO	2019-3-7					
		appd	Y.KAMEDA	2019-3-7					
sheet index	revision sheet								
Amphenol		FCi		dwg no		sheet 5 of 8		size	
				10116954				A4	
type		Product Customer Drawing							

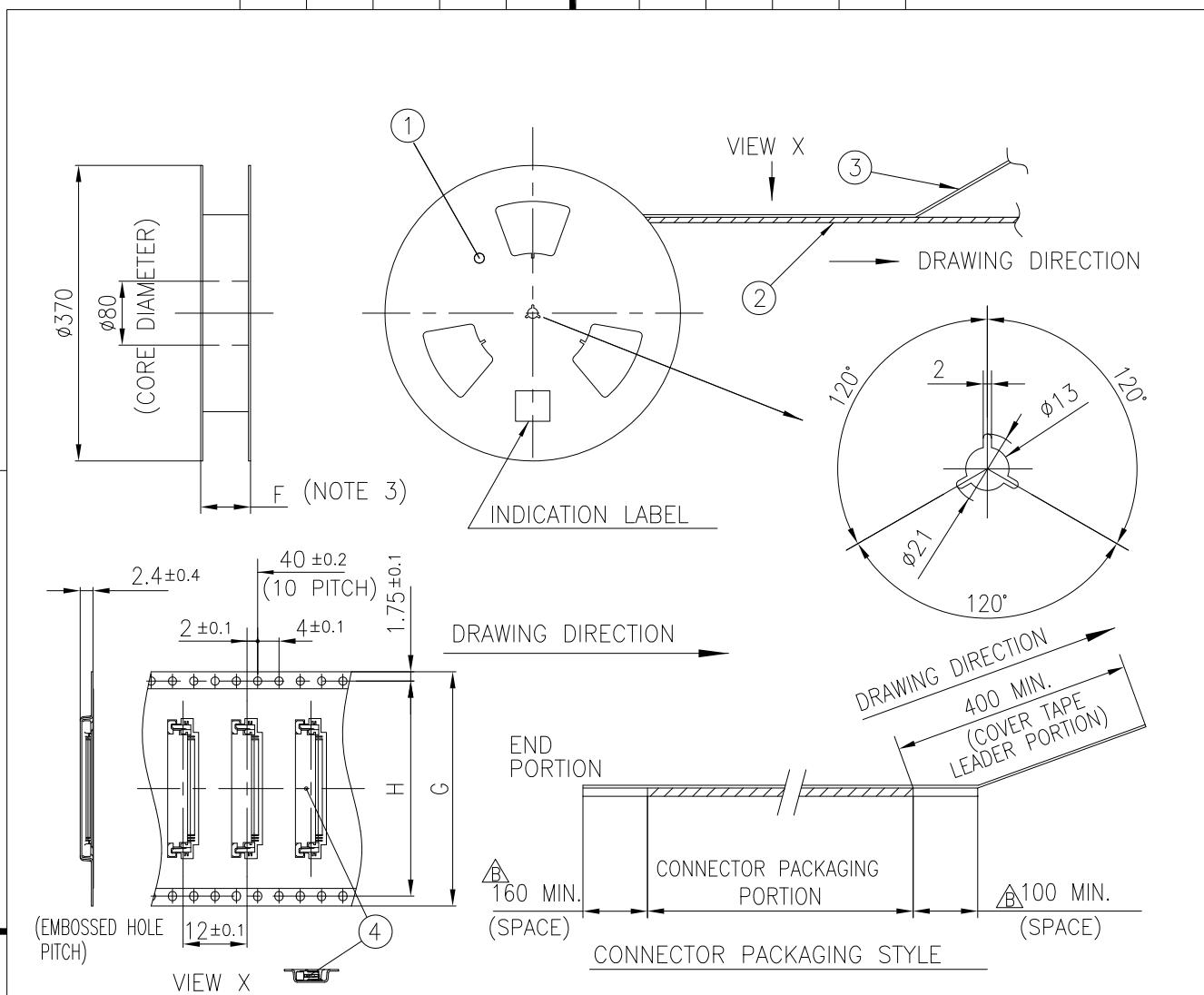


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	_____	△ PS or A-PET	—	COLOR : TRANSPARENCY
3	COVER	_____	△ POLYESTER, POLYETHYLENE	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV_R-3STB_HLF	SEE SHEET 3	3000	LOWER CONTACT TYPE WITH CABLE LOCK MECHANISM

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPIES 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	
ltr	ecn no	dr	date	tolerances unless otherwise specified				
B				angles	linear	±5	MM	
				±5°			scale N/A	
				dr	S.WATANABE	2019-3-6		
				engr	S.WATANABE	2019-3-6	Amphenol FCi	dwg no
				chr	S-H.THIO	2019-3-7		sheet 6 of 8
				appd	Y.KAMEDA	2019-3-7		size A4
sheet	revision							type Product Customer Drawing
index	sheet							



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	_____	△ PS or A-PET	—	COLOR : TRANSPARENCY
3	COVER	_____	△ POLYESTER, POLYETHYLENE	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFV_R-4STB_HLF	SEE SHEET 4	3000	UPPER CONTACT TYPE WITH CABLE LOCK MECHANISM

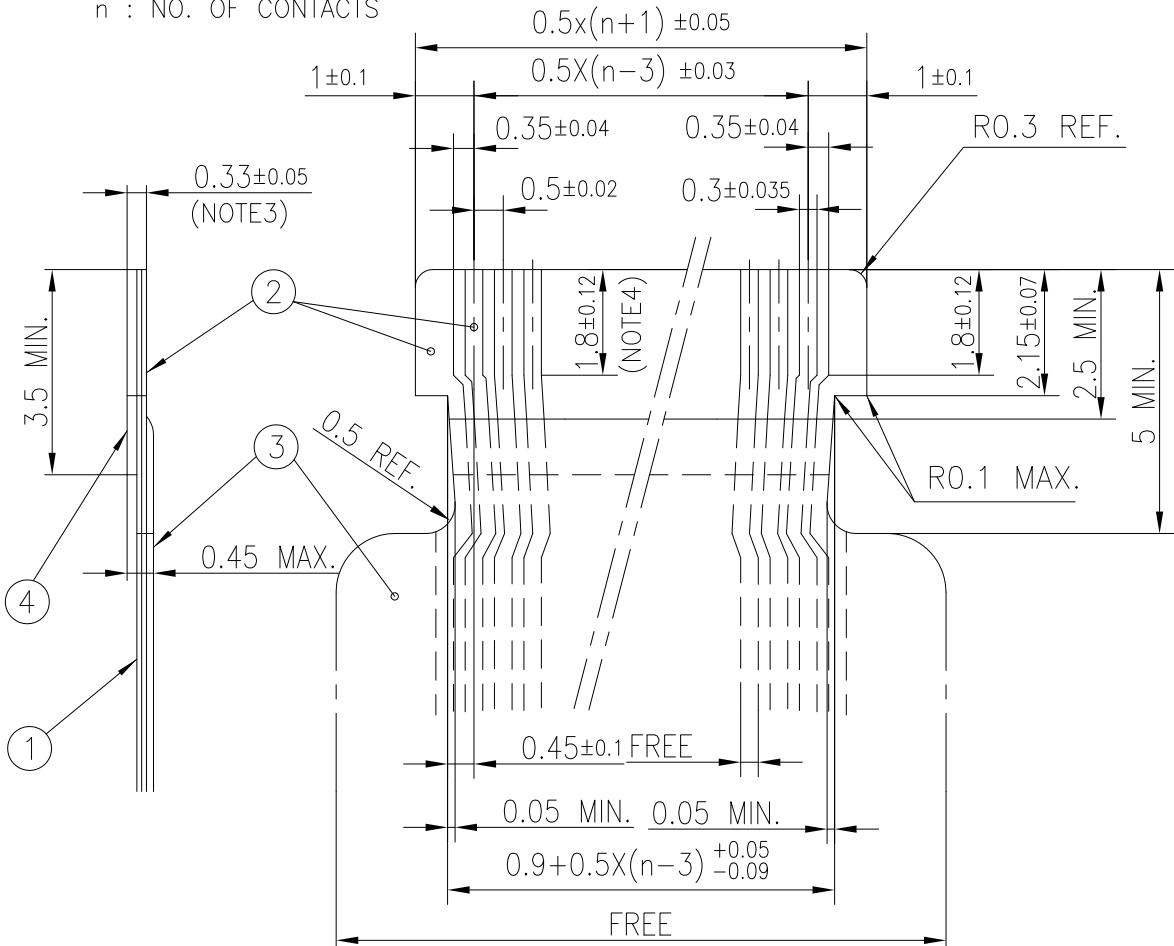
NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC AND COPIES 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
ltr B				tolerances unless otherwise specified			
ecn no	dr	date		angles	linear	±5	
				±5°			
				dr	S.WATANABE	2019-3-6	
				engr	S.WATANABE	2019-3-6	
				chr	S-H.THIO	2019-3-7	
				appd	Y.KAMEDA	2019-3-7	
sheet index		revision sheet					
Amphenol FCi							
dwg no 101116954		sheet 7 of 8		size A4			
type Product Customer Drawing							

RECOMMENDED CABLE (FPC)

n : NO. OF CONTACTS



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVARENT	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVARENT	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 58 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-3/4STB__HLF)	
B				angles	linear	MM		
						scale N/A		
				dr	S.WATANABE	2019-3-6	dwg no	sheet 8 of 8
				engr	S.WATANABE	2019-3-6	Amphenol FCi	size
				chr	S-H.THIO	2019-3-7		A4
				appd	Y.KAMEDA	2019-3-7		type
								Product Customer Drawing
sheet index		revision sheet						

Mouser Electronics

Authorized Distributor

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[FCI / Amphenol:](#)

[SFV16R-4STBE1HLF](#)