

mat'l. code				surface				tolerance				projection				product family													
—				ISO 1302				ISO 406 ISO 1101								58EF													
ltr	ecn no	dr	date	tolerances unless				otherwise specified				 scale N/A				title 0.5mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-1/2STE1HLF)													
A	J10-0028	S.W	2010-2-8	angles				linear																					
B	J10-0245	S.W	2010-9-14																										
C	ELX-J-32839	S.W	2019-3-6																										
				dr	S.WATANABE			2019-3-6							dwg no				sheet 1 of 9				size						
				enrg	S.WATANABE			2019-3-6																					
				chr	S-H.THIO			2019-3-7																					
				appd	Y.KAMEDA			2019-3-7																					
sheet index	revision sheet	C	C	C	C	C	C	C	C	C	C																		
		1	2	3	4	5	6	7	8	9																			

List of "SFV__R-1/2STE1HLF" customer document

DOCUMENT NO.	LIST
10112793 Sheet2	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2ST_HLF)
10112793 Sheet3	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-1ST_HLF)
10112793 Sheet4	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-2ST_HLF)
10112793 Sheet5	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STE1HLF)
10112793 Sheet6	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1STE1HLF)
10112793 Sheet7	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-2STE1HLF)
10112793 Sheet8	RECOMMENDED CABLE (FPC) (SFV__R-1/2ST_LF)
10112793 Sheet9	RECOMMENDED CABLE (FFC) (SFV__R-1/2ST_LF)
GS-12-645	SPEC.
BJM-SFV101	HANDLING PROCEDURES

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__HLF	7.5	5.9	1.5	2.7
5	SFV5R-1/2ST__HLF	8.0	6.4	2.0	3.2
6	SFV6R-1/2ST__HLF	8.5	6.9	2.5	3.7
7	SFV7R-1/2ST__HLF	9.0	7.4	3.0	4.2
8	SFV8R-1/2ST__HLF	9.5	7.9	3.5	4.7
9	SFV9R-1/2ST__HLF	10.0	8.4	4.0	5.2
10	SFV10R-1/2ST__HLF	10.5	8.9	4.5	5.7
11	SFV11R-1/2ST__HLF	11.0	9.4	5.0	6.2
12	SFV12R-1/2ST__HLF	11.5	9.9	5.5	6.7
13	SFV13R-1/2ST__HLF	12.0	10.4	6.0	7.2
14	SFV14R-1/2ST__HLF	12.5	10.9	6.5	7.7
15	SFV15R-1/2ST__HLF	13.0	11.4	7.0	8.2
16	SFV16R-1/2ST__HLF	13.5	11.9	7.5	8.7
17	SFV17R-1/2ST__HLF	14.0	12.4	8.0	9.2
18	SFV18R-1/2ST__HLF	14.5	12.9	8.5	9.7
19	SFV19R-1/2ST__HLF	15.0	13.4	9.0	10.2
20	SFV20R-1/2ST__HLF	15.5	13.9	9.5	10.7
21	SFV21R-1/2ST__HLF	16.0	14.4	10.0	11.2
22	SFV22R-1/2ST__HLF	16.5	14.9	10.5	11.7
23	SFV23R-1/2ST__HLF	17.0	15.4	11.0	12.2
24	SFV24R-1/2ST__HLF	17.5	15.9	11.5	12.7
25	SFV25R-1/2ST__HLF	18.0	16.4	12.0	13.2
26	SFV26R-1/2ST__HLF	18.5	16.9	12.5	13.7
27	SFV27R-1/2ST__HLF	19.0	17.4	13.0	14.2
28	SFV28R-1/2ST__HLF	19.5	17.9	13.5	14.7
29	SFV29R-1/2ST__HLF	20.0	18.4	14.0	15.2
30	SFV30R-1/2ST__HLF	20.5	18.9	14.5	15.7
31	SFV31R-1/2ST__HLF	21.0	19.4	15.0	16.2
32	SFV32R-1/2ST__HLF	21.5	19.9	15.5	16.7
33	SFV33R-1/2ST__HLF	22.0	20.4	16.0	17.2
34	SFV34R-1/2ST__HLF	22.5	20.9	16.5	17.7
35	SFV35R-1/2ST__HLF	23.0	21.4	17.0	18.2

CAT. NO. SFV (n) R - 1 ST __ HLF

SERIES NAME SFV

NO. OF CONTACTS (n)

RIGHT ANGLE TYPE R

FOR FPC/FFC, CONTACT DIRECTION - 1 ST

1. LOWER CONTACT TYPE

2. UPPER CONTACT TYPE

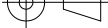
FOR AUTOMATIC MOUNTING (SMT) __ HLF

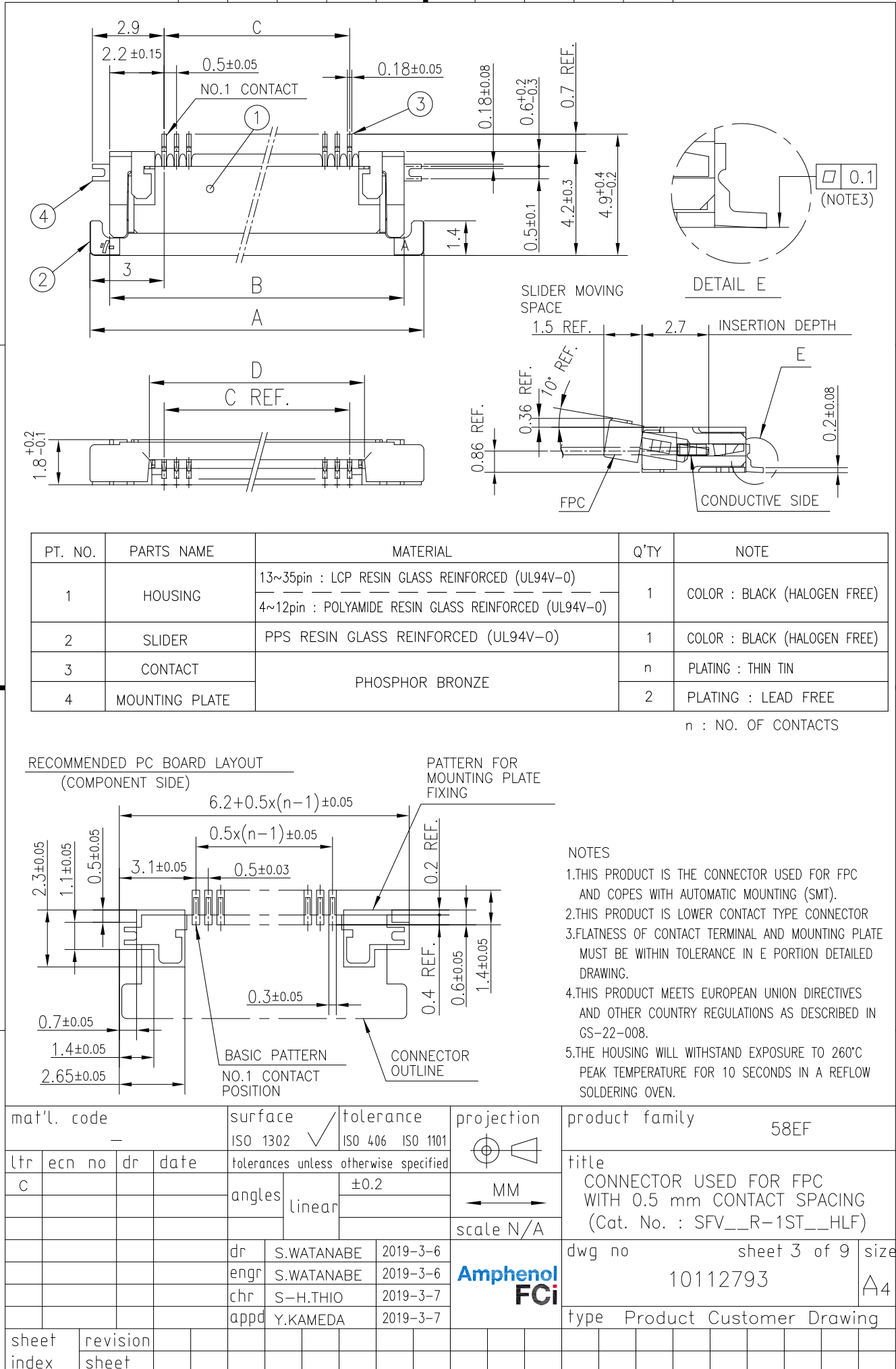
PACKAGE STYLE

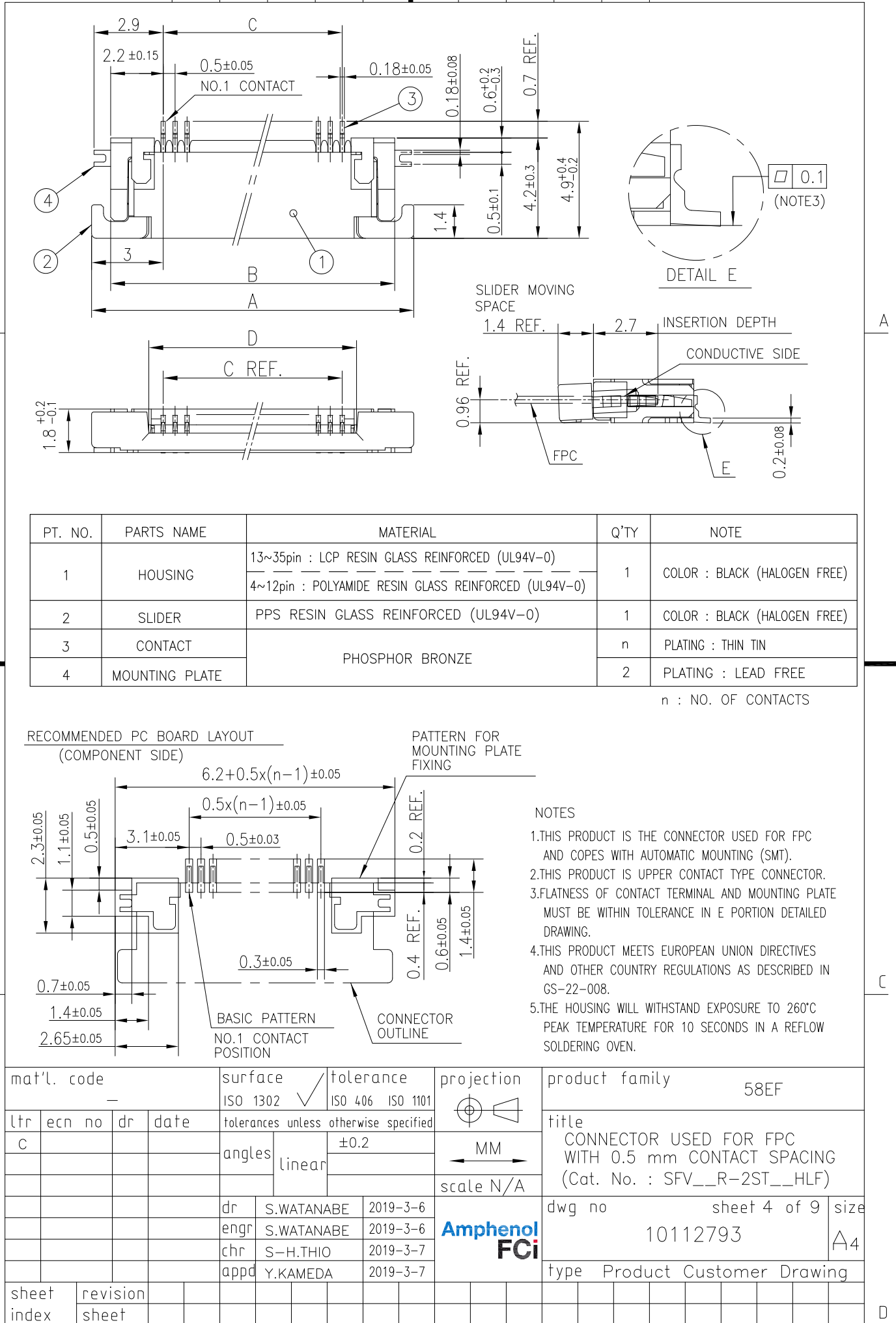
HALOGEN and LEAD FREE

NOTES

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

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 CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2ST__HLF)									
c				angles	linear														
								scale N/A		dwg no sheet 2 of 9 size A4 typeProductCustomerDrawing									
				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																	





CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F ± 5	G ± 0.3	H ± 0.1
4	SFV4R-1/2STE1HLF	20.4	16	—
5	SFV5R-1/2STE1HLF	20.4	16	—
6	SFV6R-1/2STE1HLF	20.4	16	—
7	SFV7R-1/2STE1HLF	28.4	24	—
8	SFV8R-1/2STE1HLF	28.4	24	—
9	SFV9R-1/2STE1HLF	28.4	24	—
10	SFV10R-1/2STE1HLF	28.4	24	—
11	SFV11R-1/2STE1HLF	28.4	24	—
12	SFV12R-1/2STE1HLF	28.4	24	—
13	SFV13R-1/2STE1HLF	28.4	24	—
14	SFV14R-1/2STE1HLF	28.4	24	—
15	SFV15R-1/2STE1HLF	28.4	24	—
16	SFV16R-1/2STE1HLF	28.4	24	—
17	SFV17R-1/2STE1HLF	28.4	24	—
18	SFV18R-1/2STE1HLF	28.4	24	—
19	SFV19R-1/2STE1HLF	28.4	24	—
20	SFV20R-1/2STE1HLF	28.4	24	—
21	SFV21R-1/2STE1HLF	28.4	24	—
22	SFV22R-1/2STE1HLF	28.4	24	—
23	SFV23R-1/2STE1HLF	36.4	32	28.4
24	SFV24R-1/2STE1HLF	36.4	32	28.4
25	SFV25R-1/2STE1HLF	36.4	32	28.4
26	SFV26R-1/2STE1HLF	36.4	32	28.4
27	SFV27R-1/2STE1HLF	36.4	32	28.4
28	SFV28R-1/2STE1HLF	36.4	32	28.4
29	SFV29R-1/2STE1HLF	36.4	32	28.4
30	SFV30R-1/2STE1HLF	36.4	32	28.4
31	SFV31R-1/2STE1HLF	48.4	44	40.4
32	SFV32R-1/2STE1HLF	48.4	44	40.4
33	SFV33R-1/2STE1HLF	48.4	44	40.4
34	SFV34R-1/2STE1HLF	48.4	44	40.4
35	SFV35R-1/2STE1HLF	48.4	44	40.4

CAT. NO. SFV (n) R - 1 ST E1 HLF

SERIES NAME —

NO. OF CONTACTS —

RIGHT ANGLE TYPE —

FOR FPC/FFC, CONTACT DIRECTION —

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE

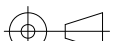
FOR AUTOMATIC MOUNTING (SMT) —

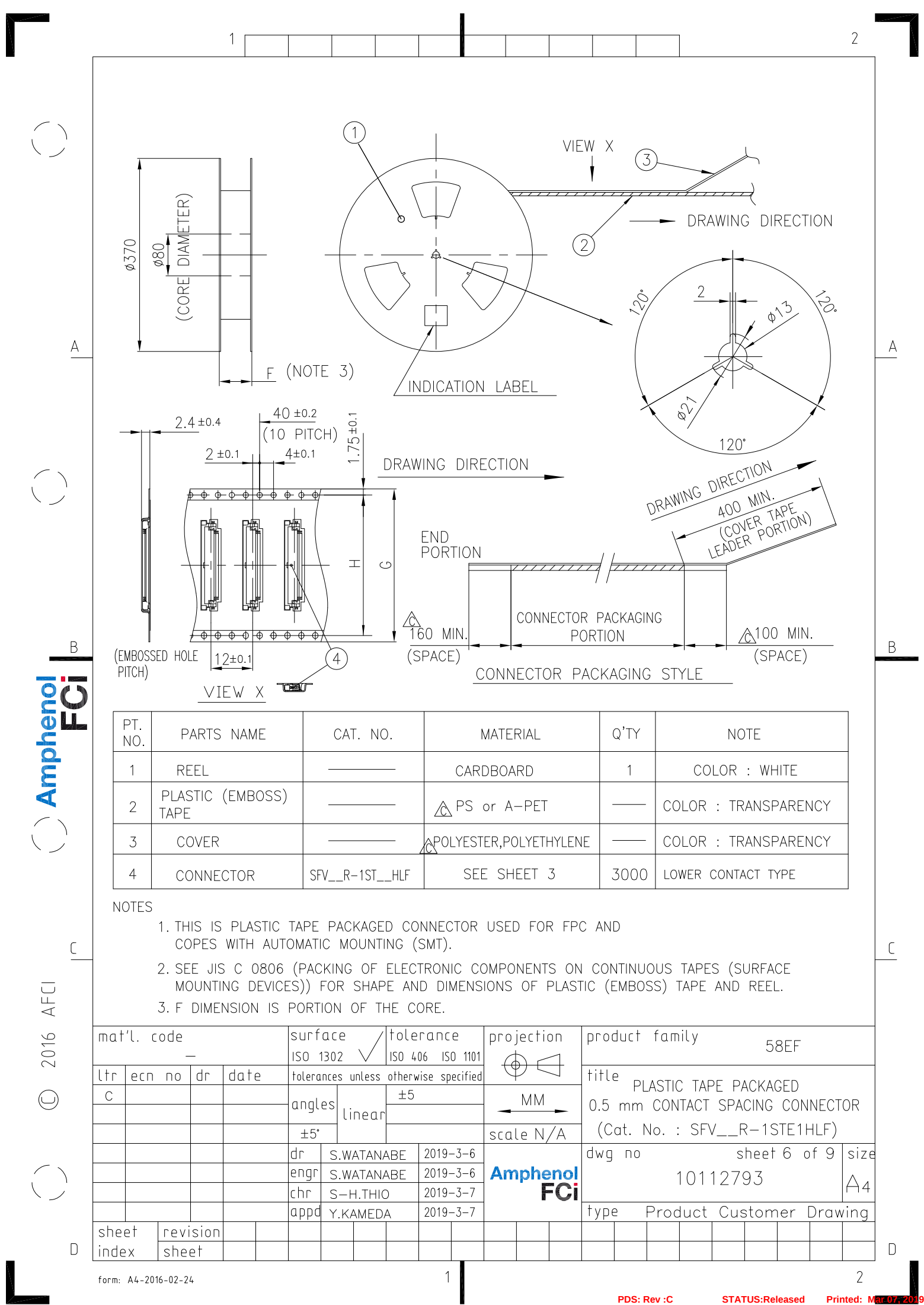
TAPE PACKAGING —

HALOGEN and LEAD FREE —

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC 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		 MM scale N/A		title CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STE1HLF)									
C				angles	linear														
				dr	S.WATANABE	2019-3-6				dwg no						sheet 5 of 9		size	
				engr	S.WATANABE	2019-3-6				10112793						A4			
				chr	S-H.THIO	2019-3-7													
				appd	Y.KAMEDA	2019-3-7				type Product Customer Drawing									
sheet index		revision sheet																	

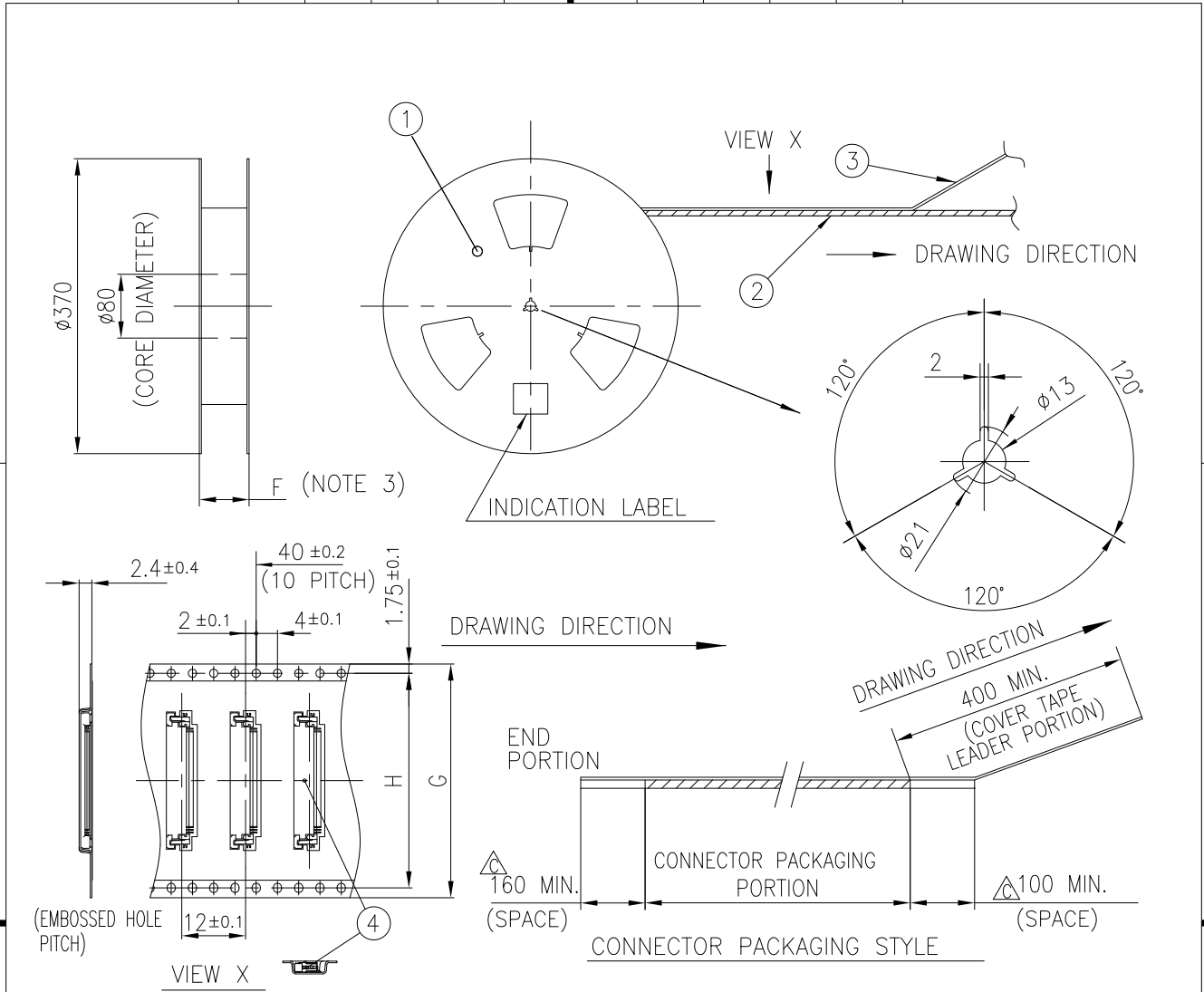


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE		△ PS or A-PET		COLOR : TRANSPARENCY
3	COVER		△ POLYESTER, POLYETHYLENE		COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-1ST__HLF	SEE SHEET 3	3000	LOWER CONTACT TYPE

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		tolerance		projection		product family																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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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-2ST__HLF	SEE SHEET 4	3000	UPPER CONTACT TYPE

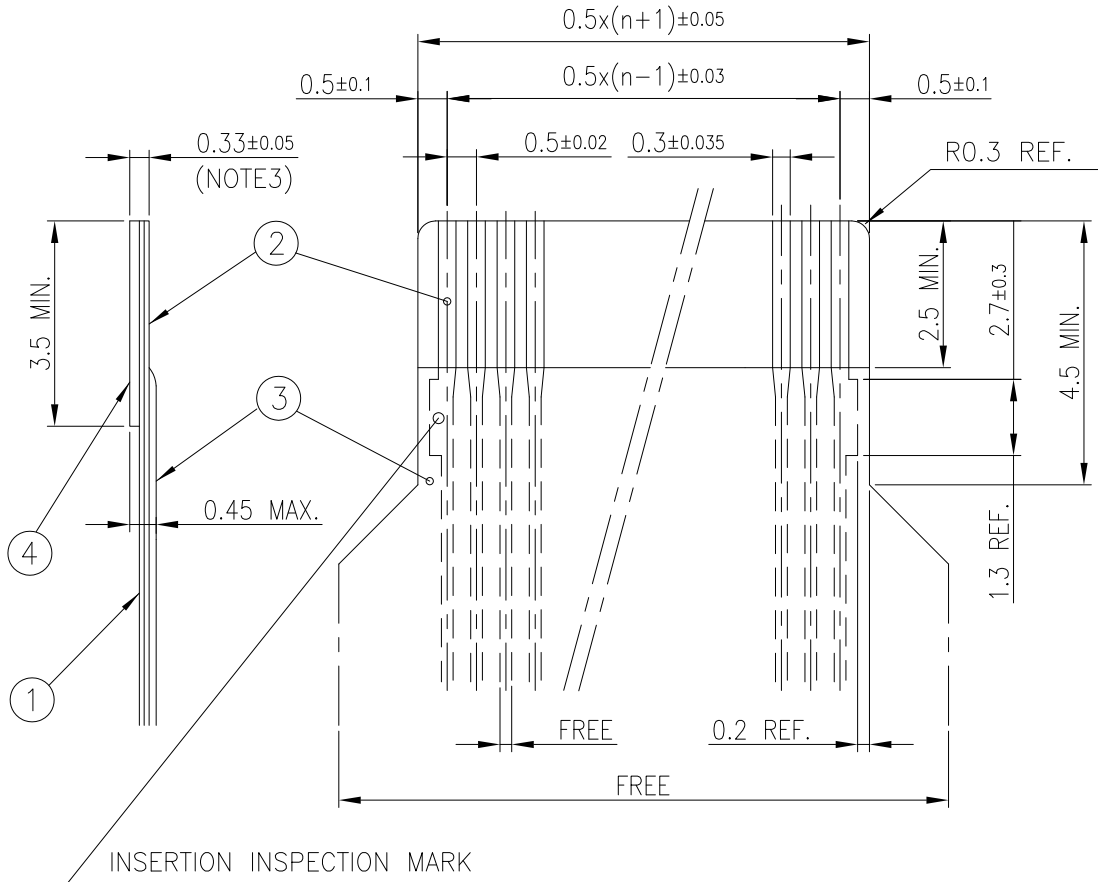
NOTES

- 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	tolerance	projection	product family			
—				ISO 1302 ✓	ISO 406 ISO 1101	⊕	58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title			
c				angles	linear					
				±5°		scale N/A	0.5 mm CONTACT SPACING CONNECTOR			
				dr	S.WATANABE	2019-3-6	dwg no			
				enr	S.WATANABE	2019-3-6				
				chr	S-H.THIO	2019-3-7	sheet 7 of 9			
				appd	Y.KAMEDA	2019-3-7				
sheet index		revision sheet					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 : TIN or SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

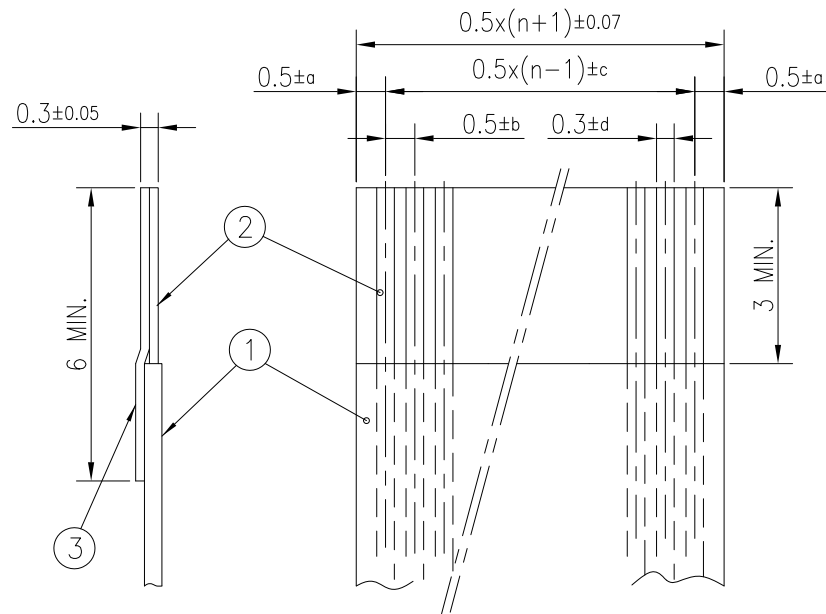
NOTES

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	tolerance		projection	product family			
—				ISO 1302	ISO 406	ISO 1101		58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified				title			
c				angles	linear		MM	RECOMMENDED CABLE			
							scale N/A	(Cat. No. : SFV__R-1/2ST__LF)			
				dr	S.WATANABE	2019-3-6	Amphenol FCi	dwg no		sheet 8 of 9	size
				engr	S.WATANABE	2019-3-6		10112793			A4
				chr	S-H.THIO	2019-3-7					
				appd	Y.KAMEDA	2019-3-7		type Product Customer Drawing			
sheet index	revision sheet										

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
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT
2	CONDUCTOR	COPPER FOIL THICKNESS 35 or 50um (PLATING : TIN or SOLDER 1um MIN.)
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT

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		angles		linear		MM		title									
c																		RECOMMENDED CABLE									
																		(Cat. No. : SFV__R-1/2ST__LF)									
																		dwg no									
																		sheet 9 of 9									
																		10112793									
																		A4									
																		type Product Customer Drawing									
sheet index				revision sheet																							