

A

C

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 0.5mm SPACING CIC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-5/6STBE1HLF)													
A	J11-0117	S.W	2011-5-20	angles				linear																					
B	ELX-J-32839	S.W	2019-3-6													dwg no 10118253 sheet 1 of 8 size A4													
				dr				S.WATANABE				2019-3-6				type Product Customer Drawing													
				enrg				S.WATANABE				2019-3-6																	
				chr				S-H.THIO				2019-3-7																	
				appd				Y.KAMEDA				2019-3-7																	
sheet index	revision sheet	B	B	B	B	B	B	B	B	B	B																		
		1	2	3	4	5	6	7	8																				

List of "SFV__R-5/6STBE1HLF" customer document

DOCUMENT NO.	LIST
10118253(Sheet1)	DOCUMENT LIST
10118253(Sheet2)	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-5/6STB_HLF)
10118253(Sheet3)	CONNECTOR USED FOR CIC WITH 0.5mm CONTACT SPACING (SFV__R-5STB_HLF)
10118253(Sheet4)	CONNECTOR USED FOR CIC WITH 0.5mm CONTACT SPACING (SFV__R-6STB_HLF)
10118253(Sheet5)	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-5/6STBE1HLF)
10118253(Sheet6)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-5STBE1HLF)
10118253(Sheet7)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-6STBE1HLF)
10118253(Sheet8)	RECOMMENDED CABLE (CIC) (SFV__R-5/6STB__HLF)
GS-12-0952	SPEC.

A

B

C

D

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

CAT. NO. SFV (n) R - 5 ST B ____ HLF

SERIES NAME _____

NO. OF CONTACTS _____

RIGHT ANGLE TYPE _____

FOR CIC,
CONTACT DIRECTION _____

5. LOWER CONTACT TYPE
6. UPPER CONTACT TYPE _____

FOR AUTOMATIC MOUNTING (SMT) _____

PLATING VARIATION _____

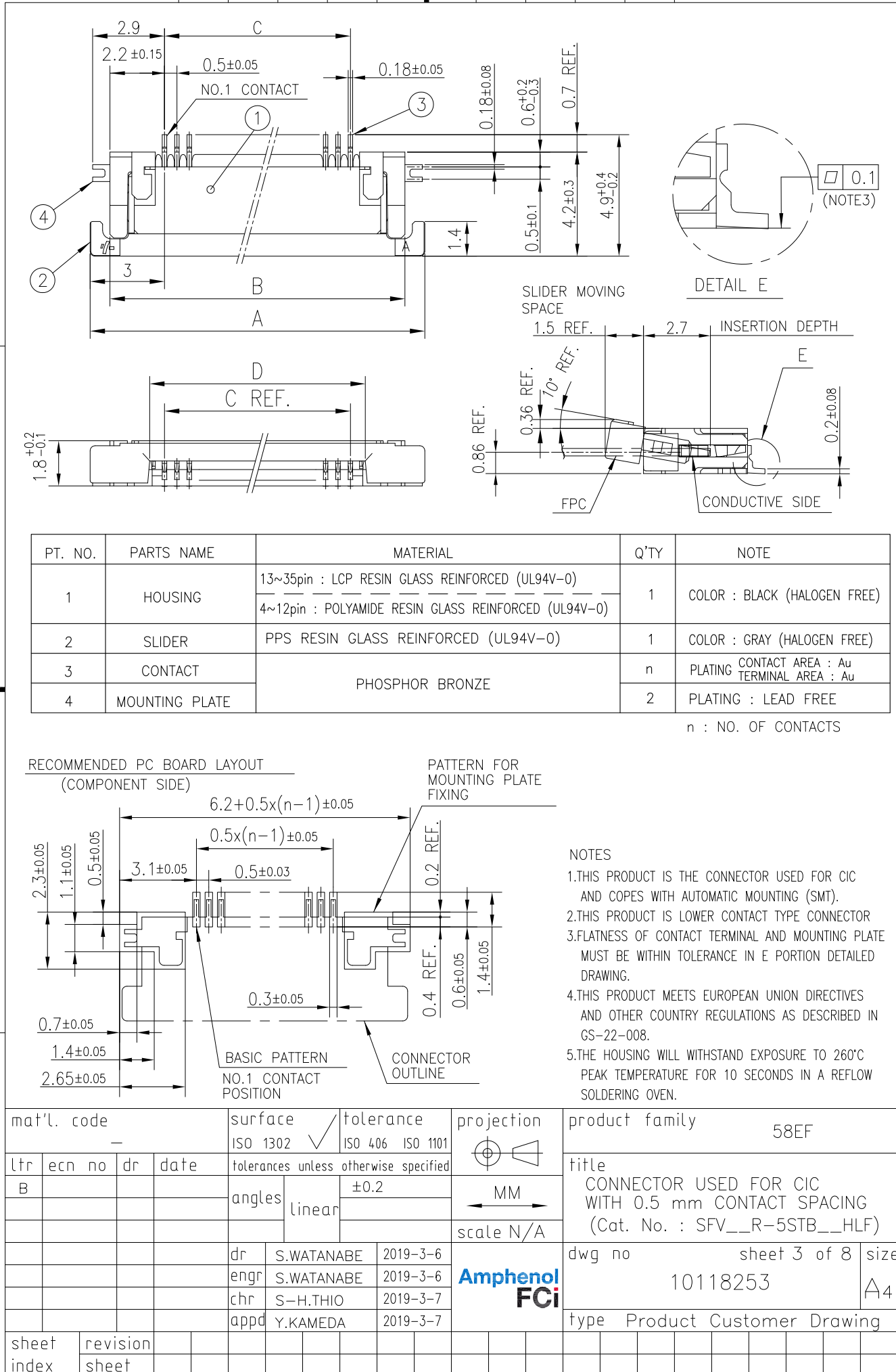
PACKAGE STYLE _____

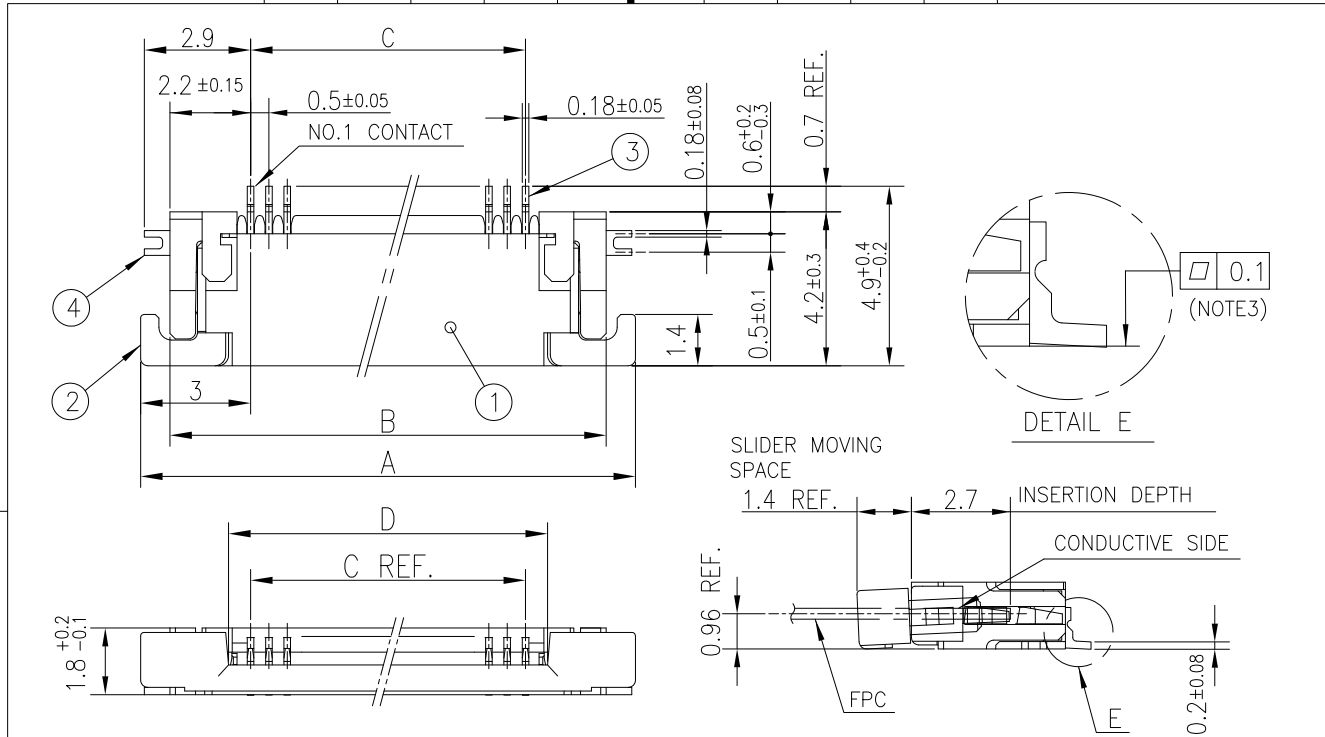
HALOGEN and LEAD FREE _____

NOTES

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

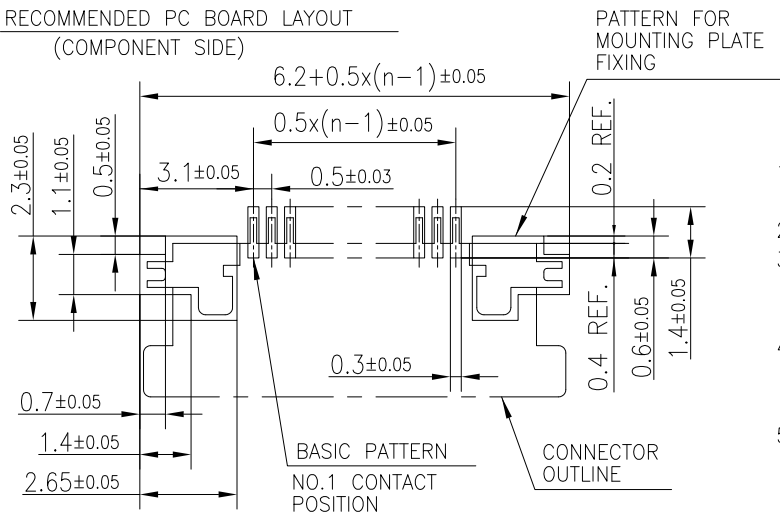
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF													
ltr	ecn no	dr	date	tolerances unless otherwise specified					title CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-5/6STB__HLF)														
B				angles	linear																		
								MM															
								scale N/A															
				dr	S.WATANABE	2019-3-6		dwg no sheet 2 of 8 size 10118253 A4															
				engr	S.WATANABE	2019-3-6																	
				chr	S-H.THIO	2019-3-7																	
				appd	Y.KAMEDA	2019-3-7																	
sheet index		revision sheet																					





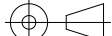
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	13~35pin : LCP RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK (HALOGEN FREE)
		4~12pin : POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)		
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : GRAY (HALOGEN FREE)
3	CONTACT	PHOSPHOR BRONZE	n	PLATING CONTACT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

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

NOTES

- THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPS WITH AUTOMATIC MOUNTING (SMT).
- THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
- FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
- THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- 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									
ltr	ecn no	dr	date	tolerances unless			otherwise specified			 scale N/A			title CONNECTOR USED FOR CIC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-6STB__HLF)									
B				angles		linear		±0.2														
												dwg no		sheet 4 of 8				size				
												10118253						A4				
												type Product Customer Drawing										
sheet index	revision																					
	sheet																					

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F MAX.	G ± 0.3	H ± 0.1
4	SFV4R-5/6STBE1HLF	22.4	16	—
5	SFV5R-5/6STBE1HLF	22.4	16	—
6	SFV6R-5/6STBE1HLF	22.4	16	—
7	SFV7R-5/6STBE1HLF	30.4	24	—
8	SFV8R-5/6STBE1HLF	30.4	24	—
9	SFV9R-5/6STBE1HLF	30.4	24	—
10	SFV10R-5/6STBE1HLF	30.4	24	—
11	SFV11R-5/6STBE1HLF	30.4	24	—
12	SFV12R-5/6STBE1HLF	30.4	24	—
13	SFV13R-5/6STBE1HLF	30.4	24	—
14	SFV14R-5/6STBE1HLF	30.4	24	—
15	SFV15R-5/6STBE1HLF	30.4	24	—
16	SFV16R-5/6STBE1HLF	30.4	24	—
17	SFV17R-5/6STBE1HLF	30.4	24	—
18	SFV18R-5/6STBE1HLF	30.4	24	—
19	SFV19R-5/6STBE1HLF	30.4	24	—
20	SFV20R-5/6STBE1HLF	30.4	24	—
21	SFV21R-5/6STBE1HLF	30.4	24	—
22	SFV22R-5/6STBE1HLF	30.4	24	—
23	SFV23R-5/6STBE1HLF	38.4	32	28.4
24	SFV24R-5/6STBE1HLF	38.4	32	28.4
25	SFV25R-5/6STBE1HLF	38.4	32	28.4
26	SFV26R-5/6STBE1HLF	38.4	32	28.4
27	SFV27R-5/6STBE1HLF	38.4	32	28.4
28	SFV28R-5/6STBE1HLF	38.4	32	28.4
29	SFV29R-5/6STBE1HLF	38.4	32	28.4
30	SFV30R-5/6STBE1HLF	38.4	32	28.4
31	SFV31R-5/6STBE1HLF	50.4	44	40.4
32	SFV32R-5/6STBE1HLF	50.4	44	40.4
33	SFV33R-5/6STBE1HLF	50.4	44	40.4
34	SFV34R-5/6STBE1HLF	50.4	44	40.4
35	SFV35R-5/6STBE1HLF	50.4	44	40.4

CAT. NO. SFV (n) R - 5 ST B E1 HLF

SERIES NAME —

NO. OF CONTACTS —

RIGHT ANGLE TYPE —

FOR CIC,
CONTACT DIRECTION —

5. LOWER CONTACT TYPE
6. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT) —

PLATING VARIATION —

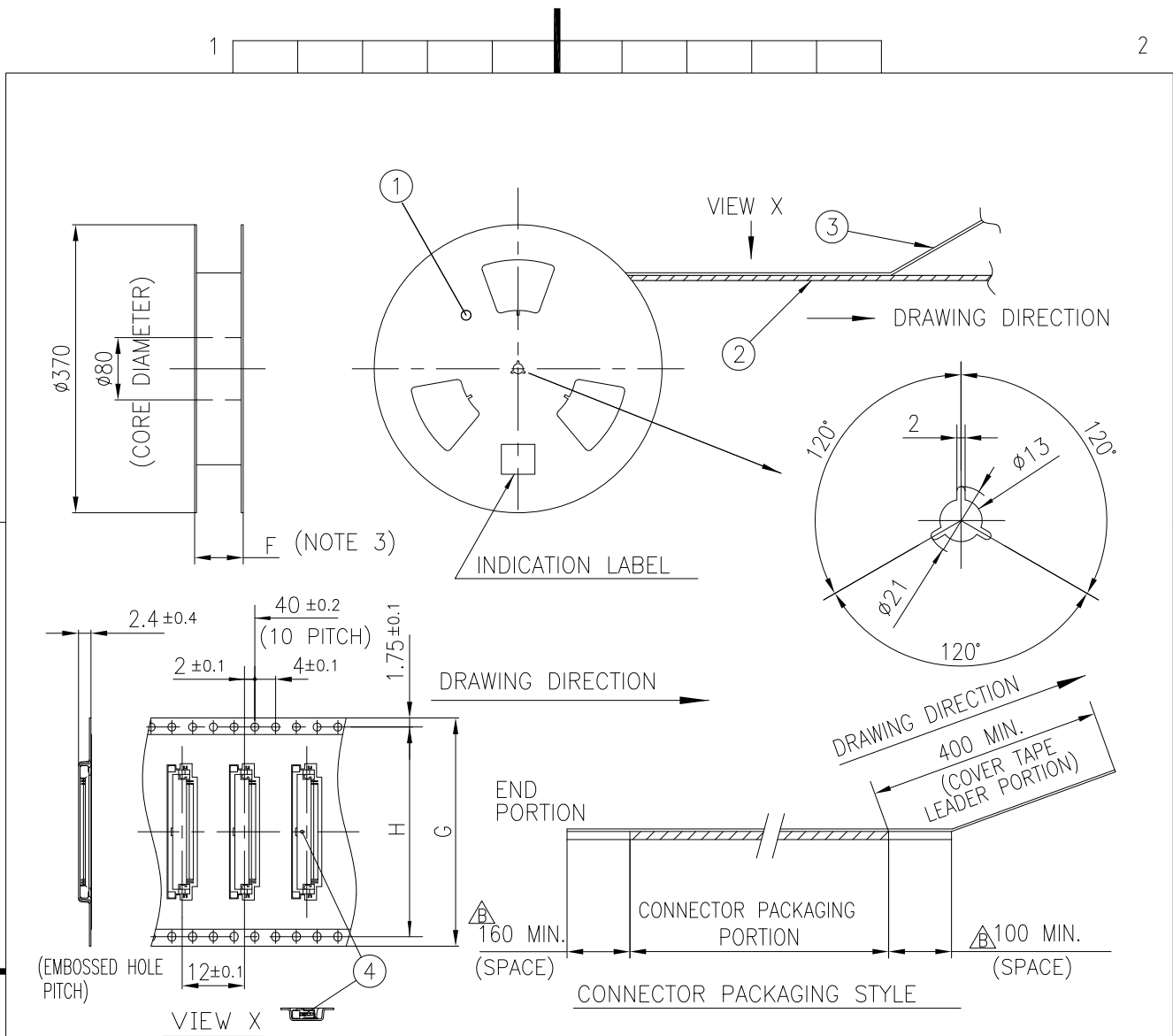
TAPE PACKAGING —

LEAD AND HALOGEN FREE —

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.

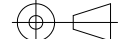
mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58EF									
ltr	ecn no	dr	date	tolerances unless otherwise specified				MM		title									
B				angles linear				scale N/A		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-5/6STBE1HLF)									
				dr	S.WATANABE	2019-3-6	Amphenol FCI		dwg no sheet 5 of 8 size										
				enr	S.WATANABE	2019-3-6			10118253 A4										
				chr	S-H.THIO	2019-3-7													
				appd	Y.KAMEDA	2019-3-7													
sheet index		revision sheet								type Product Customer Drawing									

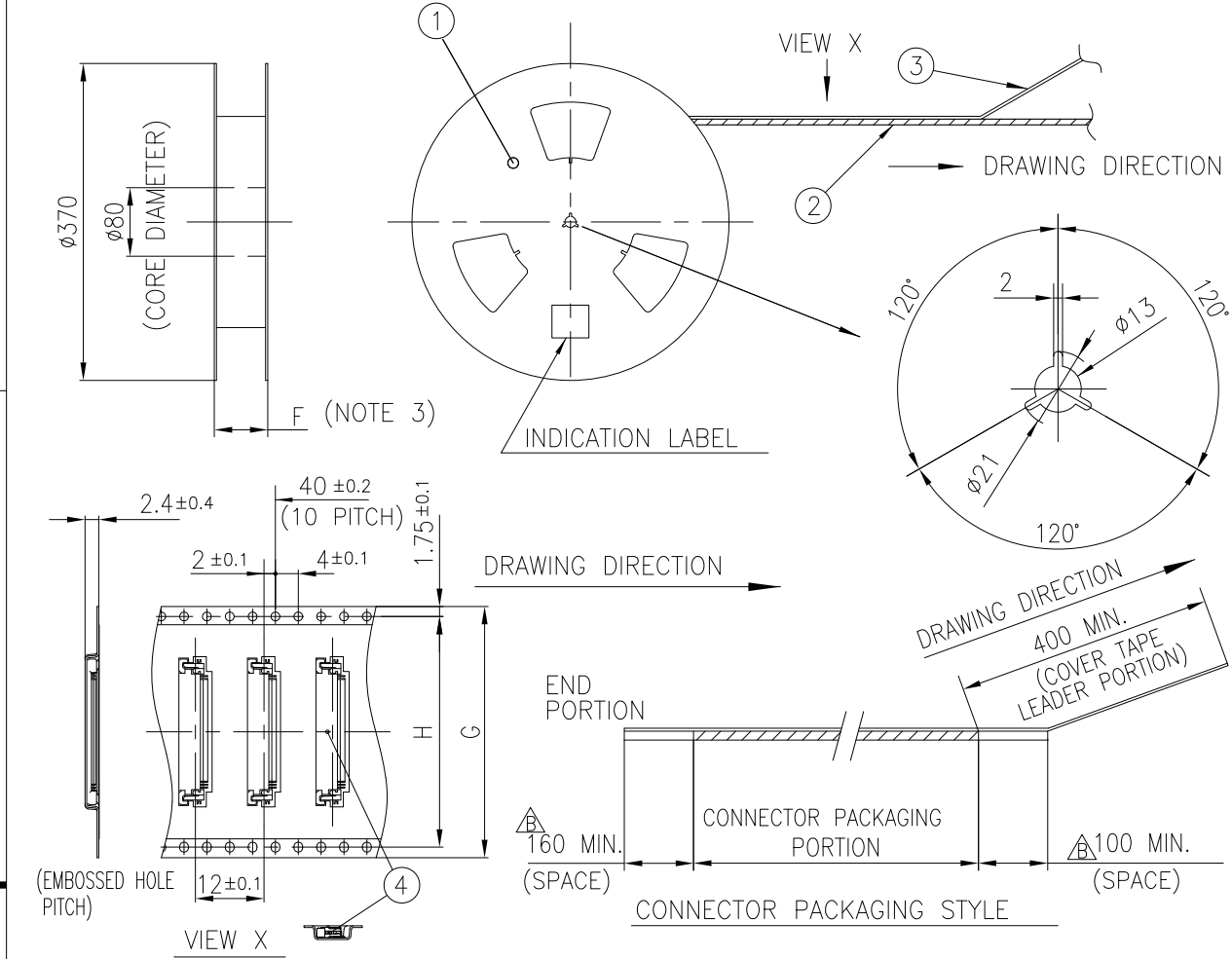


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	CARDBOARD	1	COLOR : WHITE
2	PLASTIC (EMBOSS) TAPE	_____	△ PS or A-PET	_____	COLOR : TRANSPARENCY
3	COVER	_____	△ POLYESTER,POLYETHYLENE	_____	COLOR : TRANSPARENCY
4	CONNECTOR	SFV__R-5STB__HLF	SEE SHEET 3	3000	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND CYPES 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 ✓		tolerance ISO 406 ISO 1101		projection 		product family 58EF										
ltr	ecn no	dr	date	tolerances unless otherwise specified							title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-5STBE1HLF)									
B				angles		linear		±5	scale N/A		dwg no sheet 6 of 8 10118253 size A4									
				±5°																
				dr	S.WATANABE		2019-3-6			type Product Customer Drawing										
				engr	S.WATANABE		2019-3-6													
				chr	S-H.THIO		2019-3-7													
				appd	Y.KAMEDA		2019-3-7													
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-6STB__HLF	SEE SHEET 4	3000	UPPER CONTACT TYPE

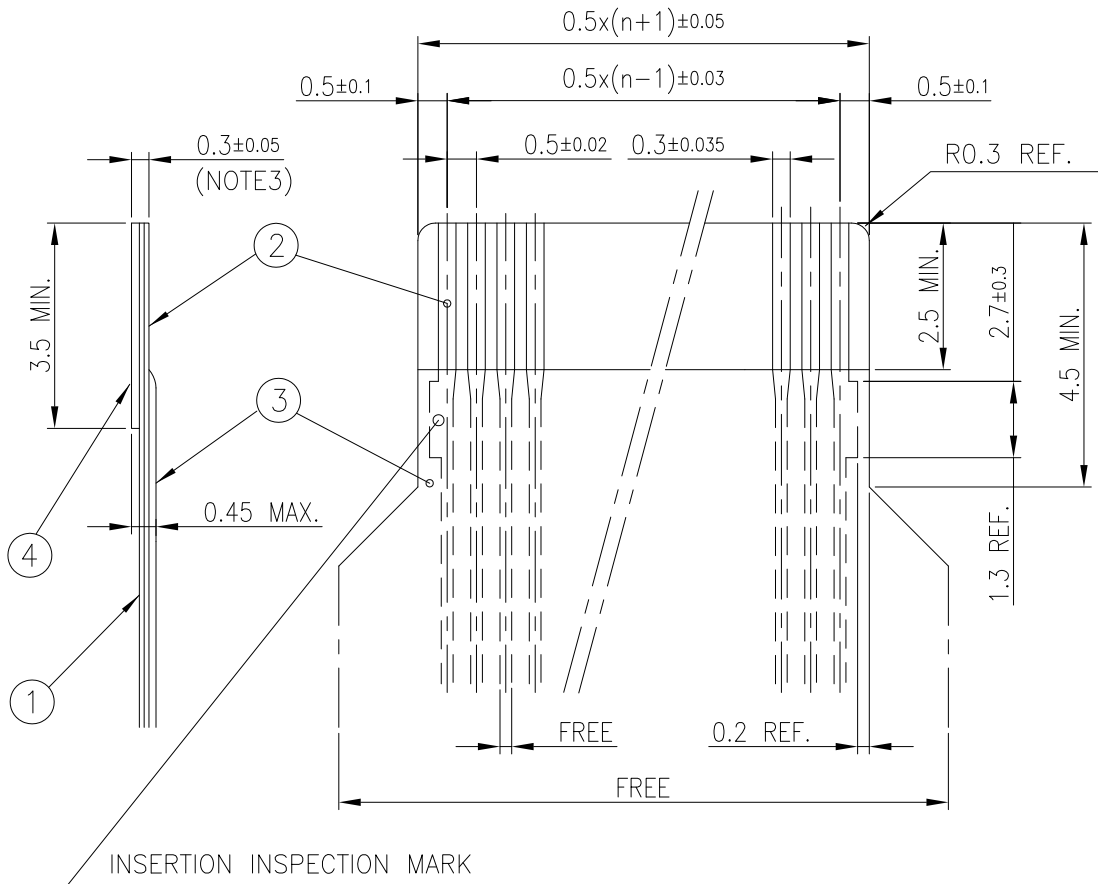
NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC AND CYPES 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 ✓	tolerance ISO 406 ISO 1101	projection ⊕	product family 58EF
ltr	ecn no	dr	date	tolerances unless otherwise specified		MM	title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-6STBE1HLF)
B				angles ±5°	linear ±5		
				dr	S.WATANABE	2019-3-6	dwg no 10118253
				enr	S.WATANABE	2019-3-6	
				chr	S-H.THIO	2019-3-7	sheet 7 of 8 size A4
				appd	Y.KAMEDA	2019-3-7	
sheet index	revision sheet						type Product Customer Drawing

RECOMMENDED CABLE (CIC)

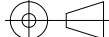
n : NO. OF CONTACTS



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)	
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	75	25
2	CONDUCTOR	CARBON PASTE OVER SILVER PASTE	10 MIN.	
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—	
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188	250

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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																
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