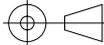


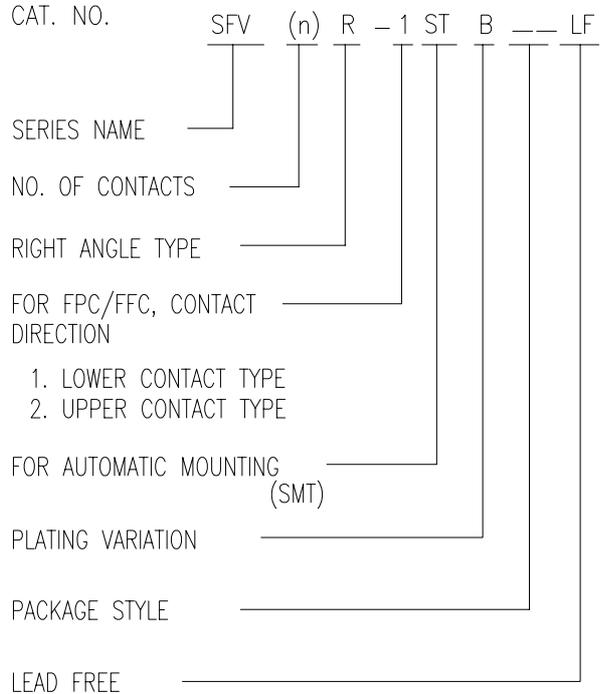
List of "SFV__R-1/2STBE9LF" customer document

DOCUMENT NO.	LIST
10101543(SHEET1)	CAT.NO.TABLE FOR 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STB_LF)
10101543(SHEET2)	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-1STB_LF)
10101543(SHEET3)	CONNECTOR USED FOR FPC/FFC WITH 0.5mm CONTACT SPACING (SFV__R-2STB_LF)
10101543(SHEET4)	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1/2STBE9LF)
10101543(SHEET5)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-1STBE9LF)
10101543(SHEET6)	PLASTIC TAPE PACKAGED 0.5mm CONTACT SPACING CONNECTOR (SFV__R-2STBE9LF)
10101543(SHEET7)	RECOMMENDED CABLE (FPC) (SFV__R-1/2STB__LF)
10101543(SHEET8)	RECOMMENDED CABLE (FFC) (SFV__R-1/2STB__LF)
SC-SFV06	PRODUCT SPECIFICATION
BJM-SFV101	HANDLING PROCEDURES

mat'l. code				surface 58 / tolerance ISO 1302 <input checked="" type="checkbox"/> ISO 406 ISO 1101				projection 		product family 58EF						
ltr ecn no dr date				tolerances unless otherwise specified				mm 		title 0.5mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-1/2STBE9LF)						
A S09-0159 DGOH 09-05-15				angles linear												
				dr DENNIS GOH 09-05-15						dwg no sheet 1 of 9 size						
				enr DENNIS GOH 09-05-15						10101543		A4				
				chr DENNIS GOH 09-05-15												
				appd JOEY NG 09-05-15						type Product Customer Drawing						
sheet index		revision sheet		A 1	A 2	A 3	A 4	A 5	A 6	A 7	A 8	A 9	Rev. A			

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



NOTES

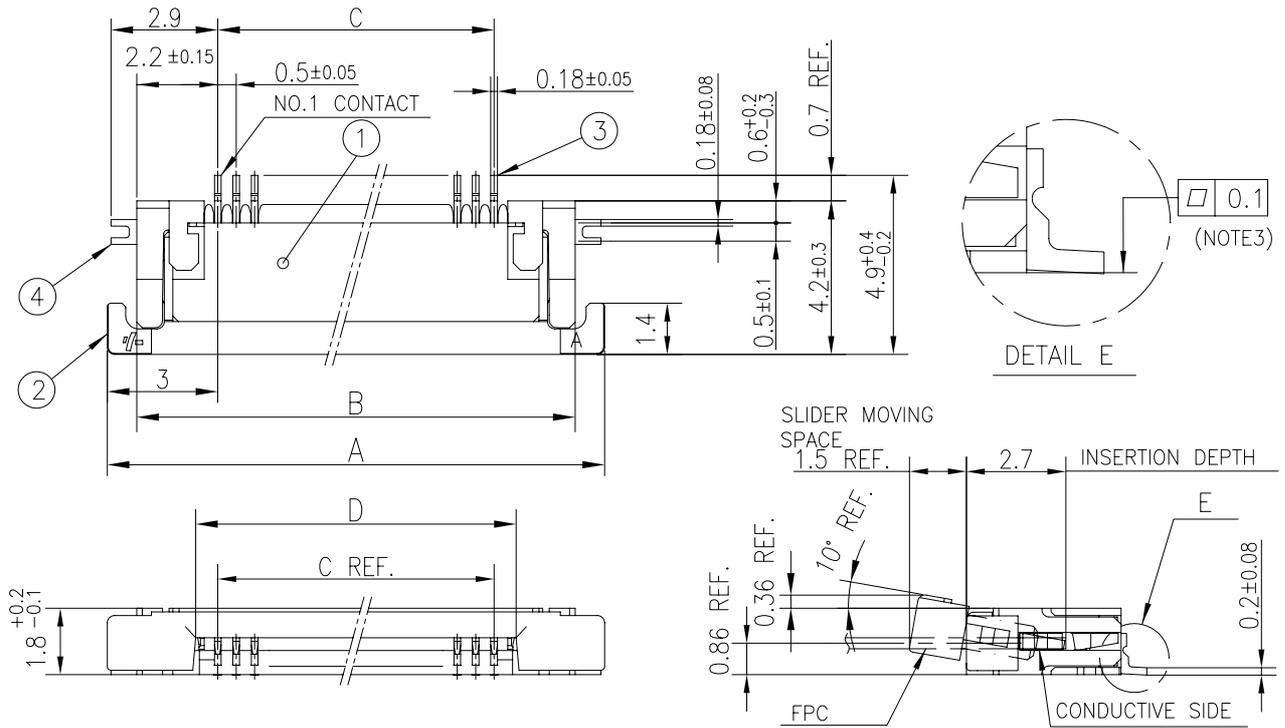
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.



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mat'l. code				surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 <input checked="" type="checkbox"/>		projection		product family 58EF			
ltr A				ecn no		dr		date		title CAT. NO. TABLE FOR 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STB__LF)			
				angles		linear		mm		scale \times			
				dr		DENNIS GOH		09-05-15		dwg no 10101543 sheet 2 of 9 size A4			
				enr		DENNIS GOH		09-05-15		type Product Customer Drawing			
				chr		DENNIS GOH		09-05-15					
				appd		JOEY NG		09-05-15					
sheet index		revision sheet										Rev. A	

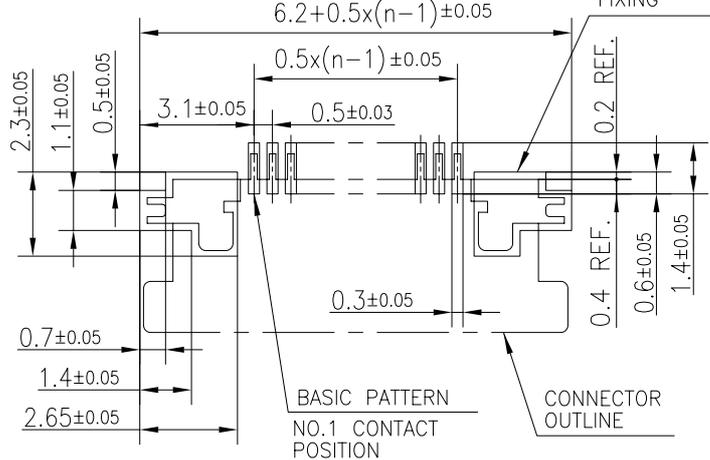


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	POLYAMIDE RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD
4	MOUNTING PLATE		2	PLATING : LEAD FREE

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 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.
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		projection		product family 58EF	
ltr		ecn no		dr		date		title	
A								CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat No. : SFV__R-1STB__LF)	
		angles		linear		mm		dwg no	
								sheet 3 of 9	
		dr		DENNIS GOH		09-05-15		size	
		enr		DENNIS GOH		09-05-15		A4	
		chr		DENNIS GOH		09-05-15		type	
		appd		DENNIS GOH		09-05-15		Product Customer Drawing	
sheet index		revision sheet						Rev. A	



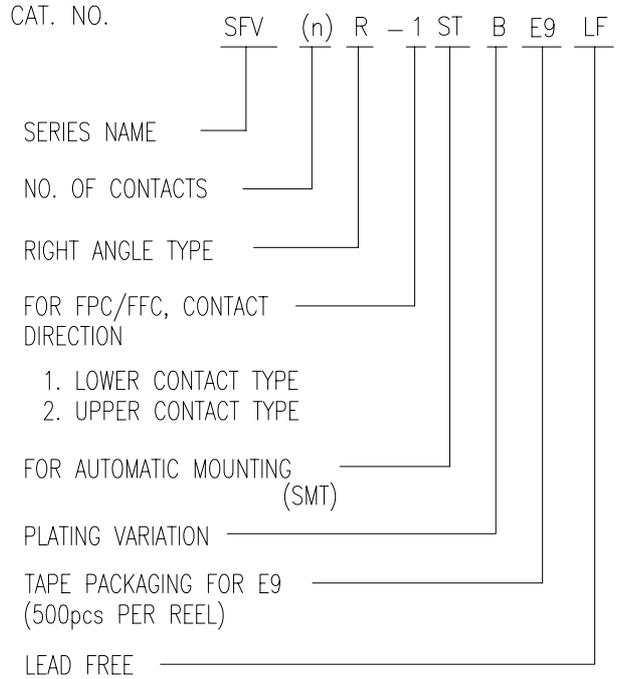
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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE3)		
		F MAX.	G ± 0.3	H ± 0.1
4	SFV4R-1/2STBE9LF	22.4	16	—
5	SFV5R-1/2STBE9LF	22.4	16	—
6	SFV6R-1/2STBE9LF	22.4	16	—
7	SFV7R-1/2STBE9LF	30.4	24	—
8	SFV8R-1/2STBE9LF	30.4	24	—
9	SFV9R-1/2STBE9LF	30.4	24	—
10	SFV10R-1/2STBE9LF	30.4	24	—
11	SFV11R-1/2STBE9LF	30.4	24	—
12	SFV12R-1/2STBE9LF	30.4	24	—
13	SFV13R-1/2STBE9LF	30.4	24	—
14	SFV14R-1/2STBE9LF	30.4	24	—
15	SFV15R-1/2STBE9LF	30.4	24	—
16	SFV16R-1/2STBE9LF	30.4	24	—
17	SFV17R-1/2STBE9LF	30.4	24	—
18	SFV18R-1/2STBE9LF	30.4	24	—
19	SFV19R-1/2STBE9LF	30.4	24	—
20	SFV20R-1/2STBE9LF	30.4	24	—
21	SFV21R-1/2STBE9LF	30.4	24	—
22	SFV22R-1/2STBE9LF	30.4	24	—
23	SFV23R-1/2STBE9LF	38.4	32	28.4
24	SFV24R-1/2STBE9LF	38.4	32	28.4
25	SFV25R-1/2STBE9LF	38.4	32	28.4
26	SFV26R-1/2STBE9LF	38.4	32	28.4
27	SFV27R-1/2STBE9LF	38.4	32	28.4
28	SFV28R-1/2STBE9LF	38.4	32	28.4
29	SFV29R-1/2STBE9LF	38.4	32	28.4
30	SFV30R-1/2STBE9LF	38.4	32	28.4
31	SFV31R-1/2STBE9LF	50.4	44	40.4
32	SFV32R-1/2STBE9LF	50.4	44	40.4
33	SFV33R-1/2STBE9LF	50.4	44	40.4
34	SFV34R-1/2STBE9LF	50.4	44	40.4
35	SFV35R-1/2STBE9LF	50.4	44	40.4



NOTES

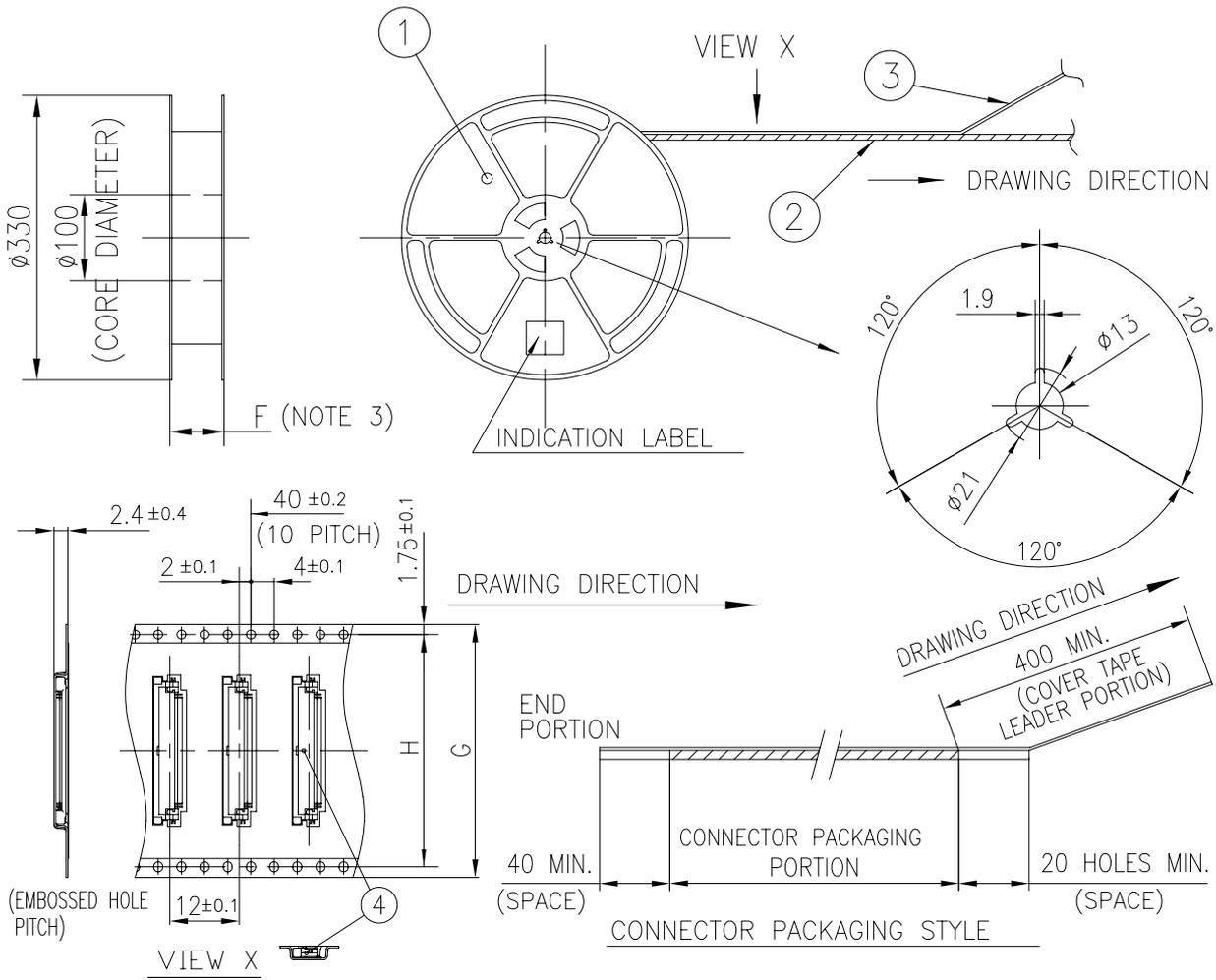
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS F~H.



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mat'l. code		surface ISO 1302 <input checked="" type="checkbox"/>		tolerance ISO 406 <input checked="" type="checkbox"/>		projection		product family 58EF			
ltr A		ecn no		dr		date		tolerances unless otherwise specified		title	
								angles linear		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STBE9LF)	
								mm		scale X	
				dr		DENNIS GOH 09-05-15		dwg no		sheet 5 of 9 size	
				enr		DENNIS GOH 09-05-15		10101543		A4	
				chr		DENNIS GOH 09-05-15		type		Product Customer Drawing	
				appd		JOEY NG 09-05-15					
sheet index		revision sheet								Rev. A	



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE	_____	A-PET	_____	COLOR : TRANSPARENCY (CLEAR)
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFV__R-1STB__LF	SEE ATTACHED DWG.	500	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC 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.

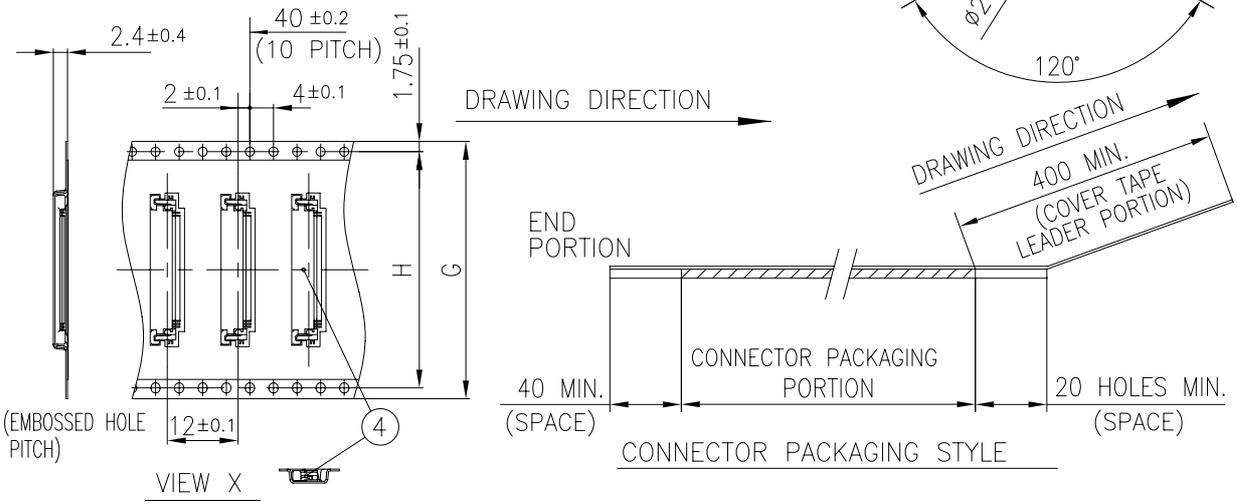
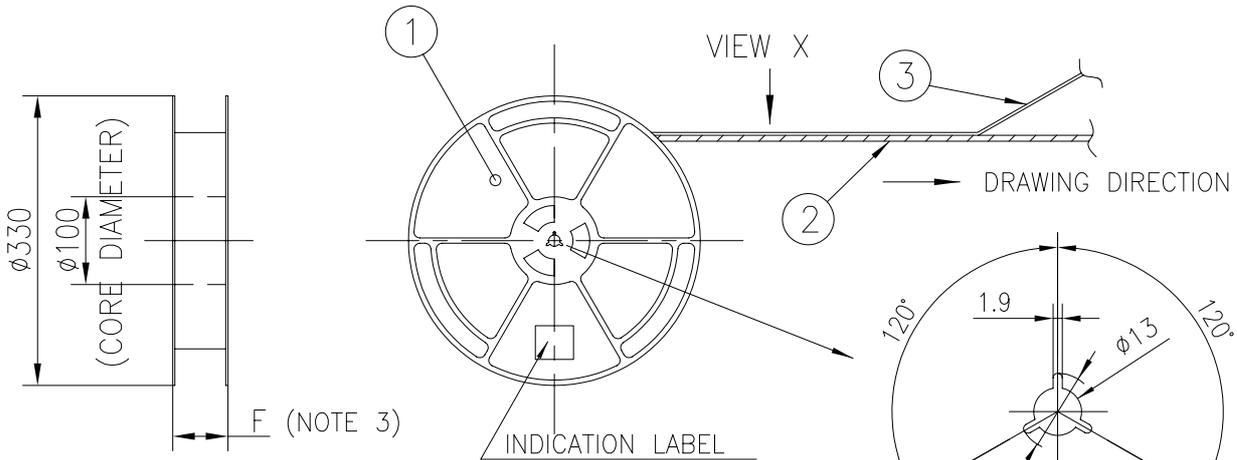
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ltr	ecn no	dr	date	tolerances unless otherwise specified ±5		title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1STBE9LF)	
A				angles ±5° linear	mm	dwg no 10101543 sheet 6 of 9 size A4	
		dr	DENNIS GOH	09-05-15		type Product Customer Drawing	
		enr	DENNIS GOH	09-05-15			
		chr	DENNIS GOH	09-05-15			
		appd	JOEY NG	09-05-15			
sheet index	revision sheet						Rev. A



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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	---	POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE	---	A-PET	---	COLOR : TRANSPARENCY (CLEAR)
3	COVER	---	POLYESTER	---	COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFV__R-2STB__LF	SEE ATTACHED DWG.	500	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC 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.

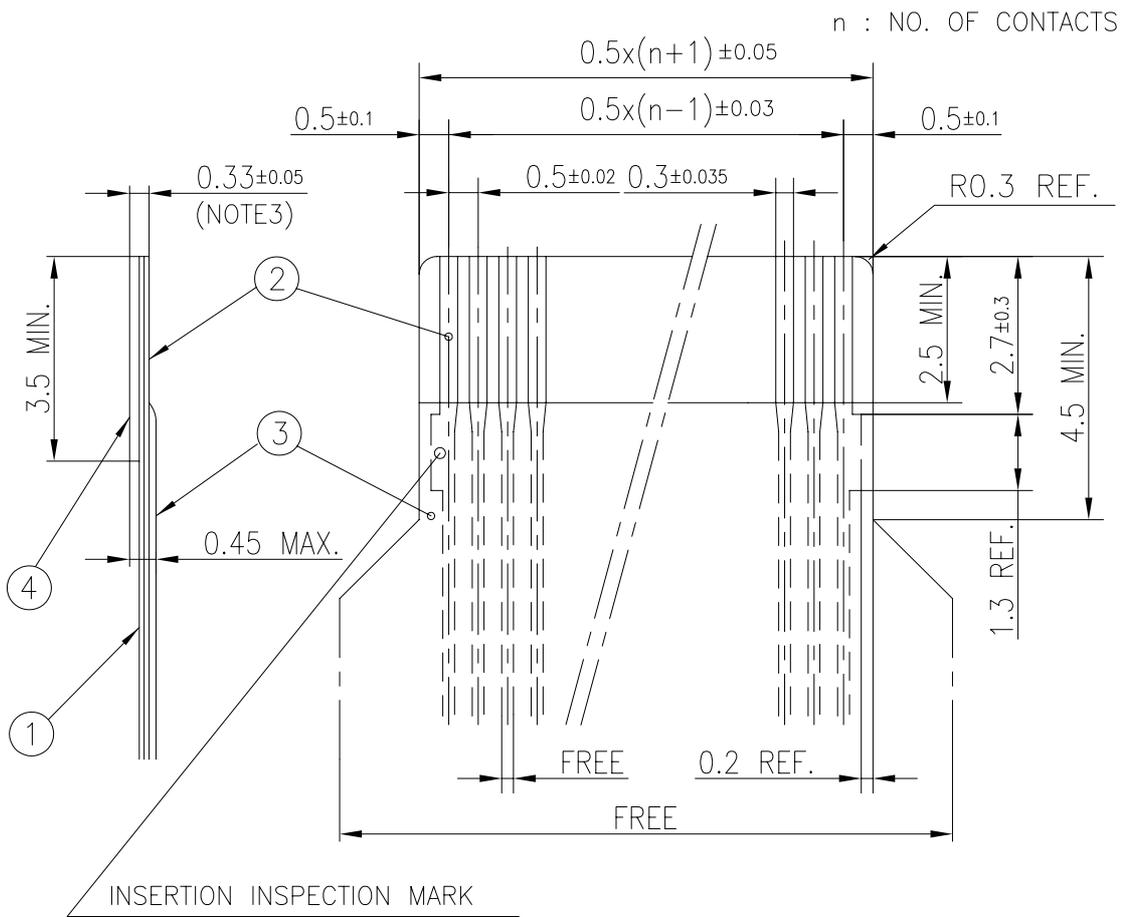
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ltr A		ecn no		dr		date		title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-2STBE9LF)	
		angles ±5°		linear		mm		scale \times	
		dr DENNIS GOH		09-05-15				dwg no 10101543	
		enr DENNIS GOH		09-05-15				sheet 7 of 9	
		chr DENNIS GOH		09-05-15				size A4	
		appd JOEY NG		09-05-15				type Product Customer Drawing	
sheet index		revision sheet						Rev. A	



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RECOMMENDED CABLE (FPC)



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 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 <input checked="" type="checkbox"/>		tolerance ISO 406 ISO 1101		projection 		product family 58EF	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST___LF)	
A				angles	linear	scale \propto		dwg no 10101543	
				dr	DENNIS GOH	09-05-15	sheet 8 of 9		size A4
				enr	DENNIS GOH	09-05-15	10101543		
				chr	DENNIS GOH	09-05-15			
				appd	JOEY NG	09-05-15			
sheet index		revision sheet						type Product Customer Drawing	
								Rev. A	



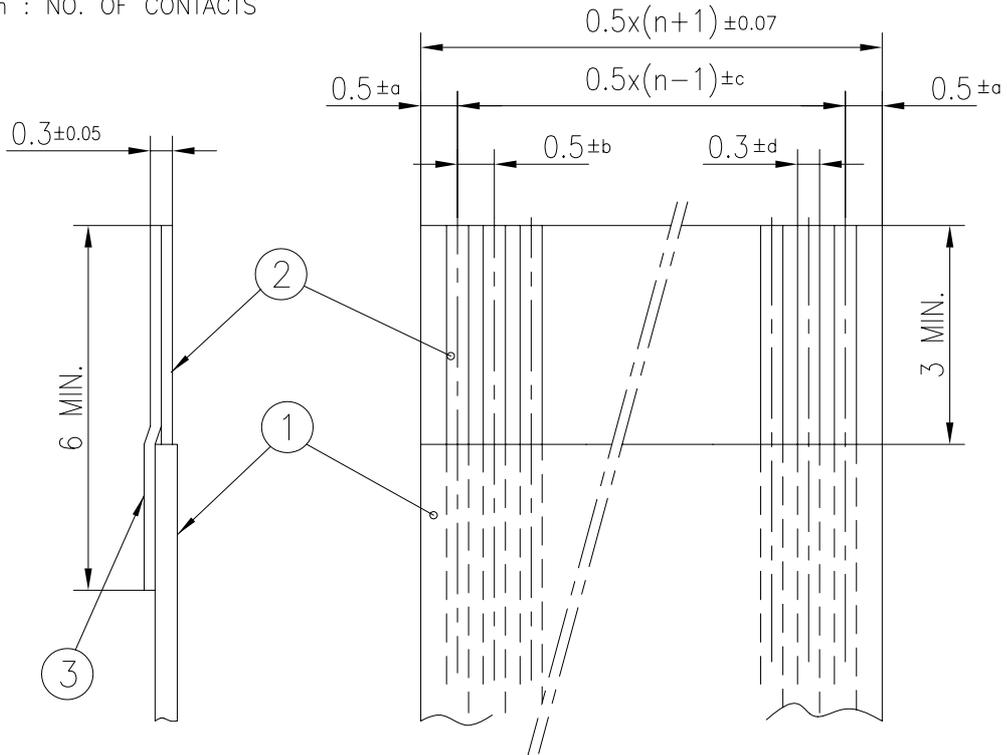
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RECOMMENDED CABLE (FFC)

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 EQUAL
2	CONDUCTOR	COPPER FOIL (PLATING : GOLD)
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 <input checked="" type="checkbox"/> tolerance ISO 406 ISO 1101		projection		product family 58EF	
ltr A		ecn no		dr		date	
tolerances unless otherwise specified		angles		linear		mm	
dr DENNIS GOH 09-05-15		enr DENNIS GOH 09-05-15		chr DENNIS GOH 09-05-15		appd JOEY NG 09-05-15	
sheet index		revision sheet		scale \times		title RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__LF)	
sheet index		revision sheet		dwg no 10101543		sheet 9 of 9 size A4	
sheet index		revision sheet		type Product Customer Drawing		Rev. A	



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[SFV8R-2STBE9HLF](#)