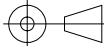


List of "SFV__R-1/2STBE9LF" customer document

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/ISO 1302				tolerance ISO 406 ISO 1101				projection 				product family 58EF															
ltr		ecn no		dr		date		tolerances unless otherwise specified								title 0.5mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : SFV__R-1/2STBE9LF)															
A		S09-0159		DGOH		09-05-15		angles				linear												mm							
																scale $\propto$															
								dr				DENNIS GOH				09-05-15				dwg no sheet 1 of 9 size 10101543 A4											
								enr				DENNIS GOH				09-05-15															
								chr				DENNIS GOH				09-05-15				type Product Customer Drawing											
								appd				JOEY NG				09-05-15															
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

CAT. NO.

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)

PLATING VARIATION

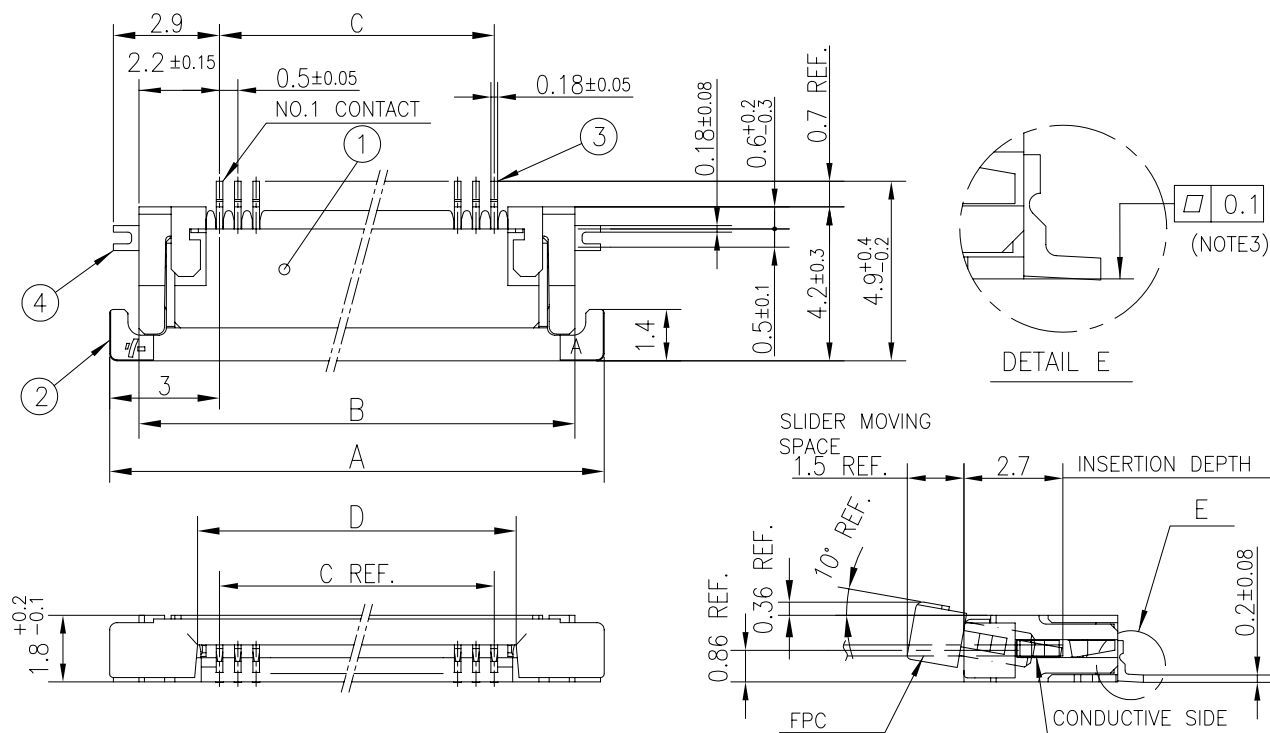
PACKAGE STYLE

LEAD FREE

NOTES

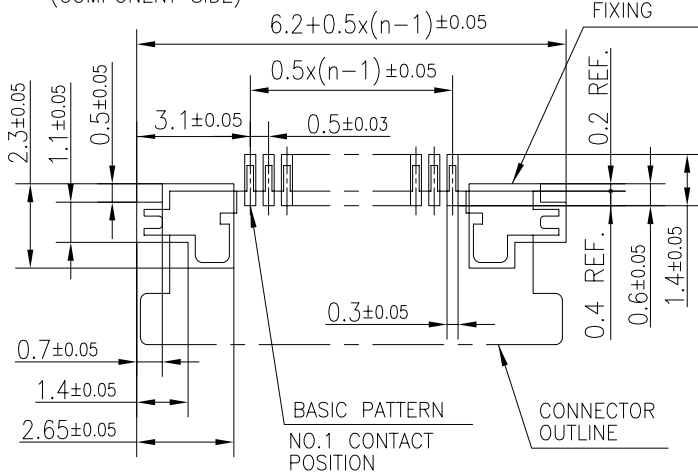
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.

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-1/2STB__LF)			
A					angles	linear		scale $\propto$		dwg no 10101543		sheet 2 of 9	size A4	
					dr	DENNIS GOH	09-05-15			type		Product	Customer	Drawing
					engr	DENNIS GOH	09-05-15							
					chr	DENNIS GOH	09-05-15							
					appd	JOEY NG	09-05-15							
sheet index		revision											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

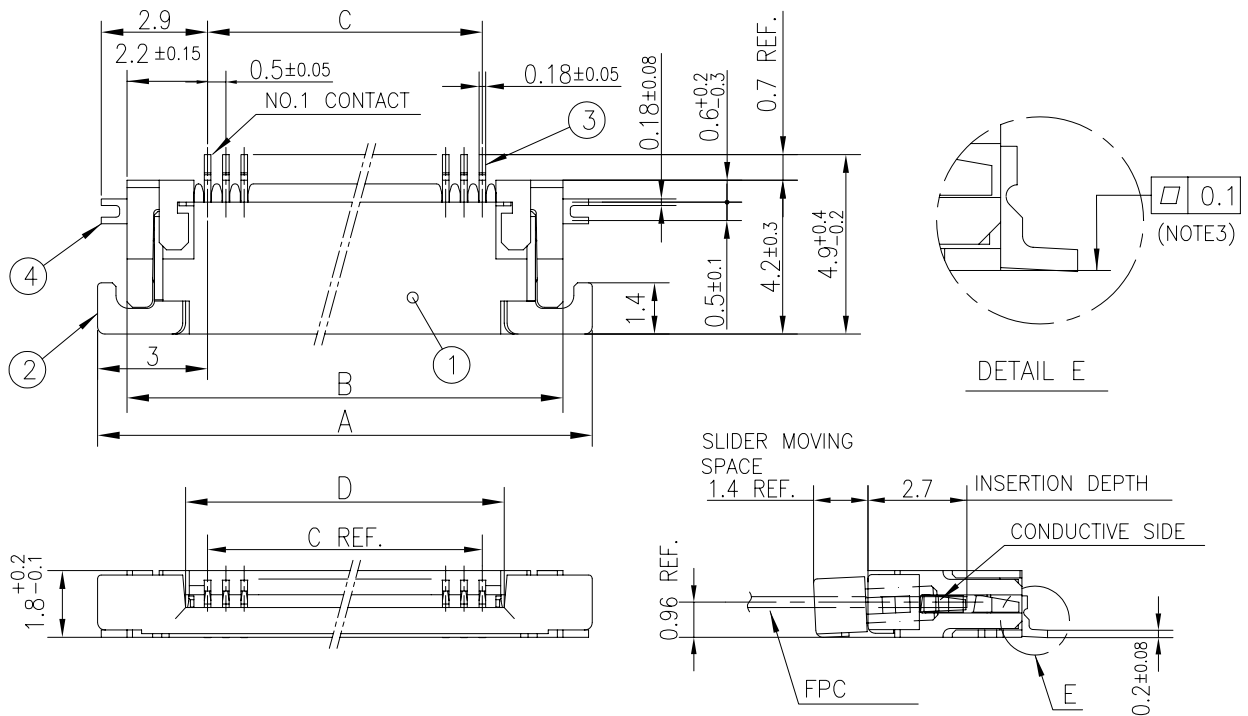
n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)PATTERN FOR
MOUNTING PLATE
FIXING

NOTES

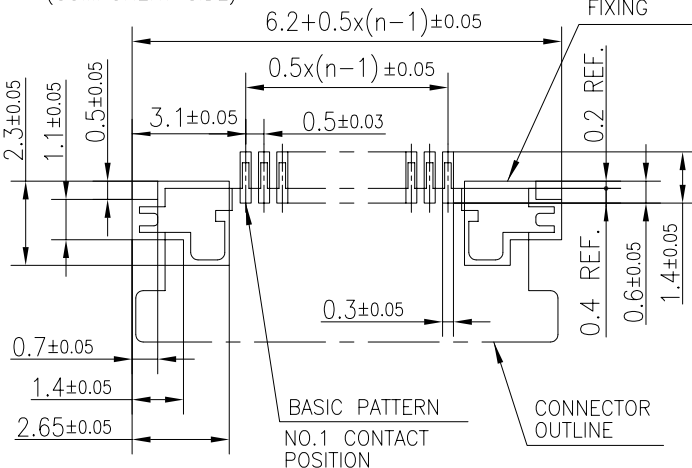
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
3. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN E PORTION DETAILED DRAWING.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY 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 ISO 1101	projection	product family 58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm	title CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat No. : SFV__R-1STB__LF)			
A				angles	linear					
				dr	DENNIS GOH	09-05-15	dwg no 10101543			
				enr	DENNIS GOH	09-05-15				
				chr	DENNIS GOH	09-05-15	type Product Customer Drawing			
				appd	DENNIS GOH	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)



n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. THIS PRODUCT IS UPPER 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 ✓ tolerances unless otherwise specified		tolerance ISO 406 ISO 1101		projection mm		product family 58EF			
ltr	ecn no	dr	date	angles	linear	±0.2		mm		title CONNECTOR USED FOR FPC WITH 0.5 mm CONTACT SPACING (Cat. No. : SFV__R-2STB__LF)			
A								scale		dwg no 10101543			
				dr	DENNIS GOH	09-05-15		sheet 4 of 9		size A4			
				enr	DENNIS GOH	09-05-15		type		Product Customer Drawing			
				chr	DENNIS GOH	09-05-15							
				appd	DENNIS GOH	09-05-15							
sheet index		revision sheet								Rev. A			

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

CAT. NO.

SFV (n) R - 1 ST B E9 LF

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)

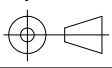
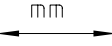
PLATING VARIATION

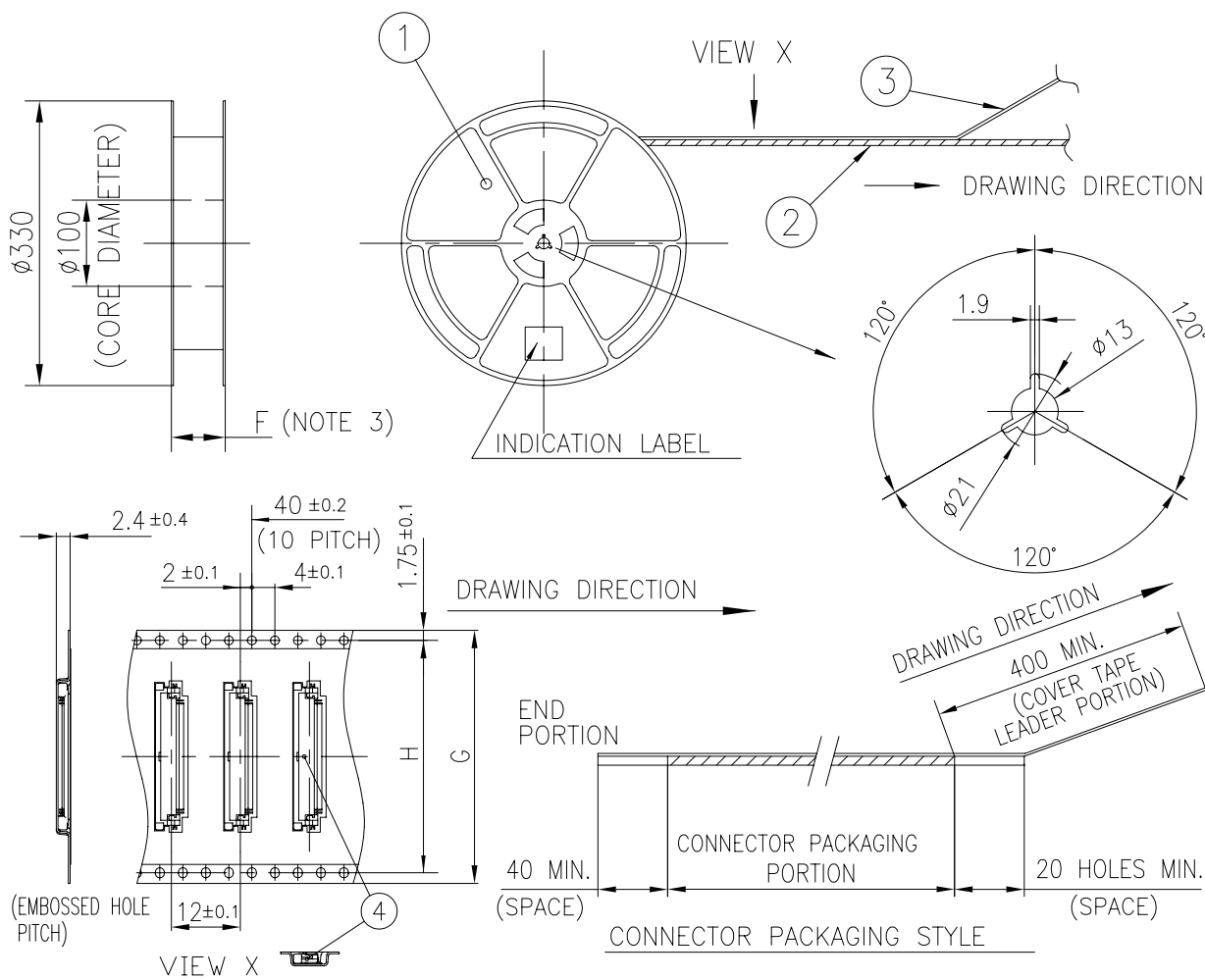
TAPE PACKAGING FOR E9 (500pcs PER REEL)

LEAD FREE

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.

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 CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1/2STBE9LF)							
A					angles	linear									
							scale 	dwg no 10101543 sheet 5 of 9 size A4							
					dr	DENNIS GOH	09-05-15								
					enr	DENNIS GOH	09-05-15	type Product Customer Drawing							
					chr	DENNIS GOH	09-05-15								
					appd	JOEY NG	09-05-15	Rev. A							
sheet index	revision														

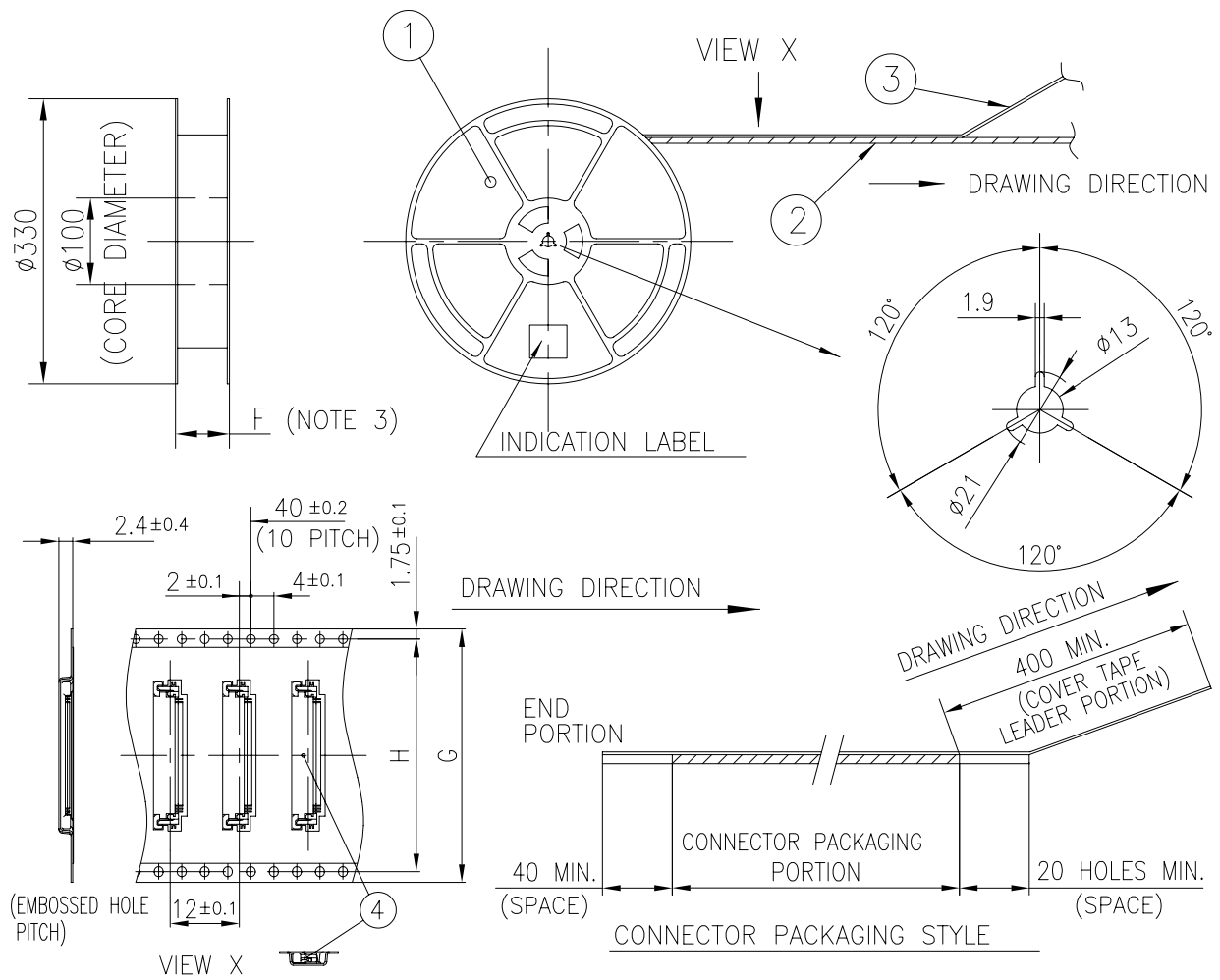


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE	_____	A-PET	_____	COLOR : TRANSPARENCY (CLEAR)
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFV__R-1STB__LF	SEE ATTACHED DWG.	500	LOWER CONTACT TYPE

NOTES

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

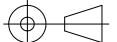
mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection 	product family 58EF			
ltr	ecn no	dr	date	tolerances unless otherwise specified			title PLASTIC TAPE PACKAGED 0.5 mm CONTACT SPACING CONNECTOR (Cat. No. : SFV__R-1STBE9LF)			
A				angles	linear					
				±5°		mm	dwg no 10101543			
				dr	DENNIS GOH	09-05-15				
				enr	DENNIS GOH	09-05-15	sheet 6 of 9			
				chr	DENNIS GOH	09-05-15				
				appd	JOEY NG	09-05-15	size A4			
sheet index		revision sheet								
							type Product Customer Drawing			
							Rev. A			



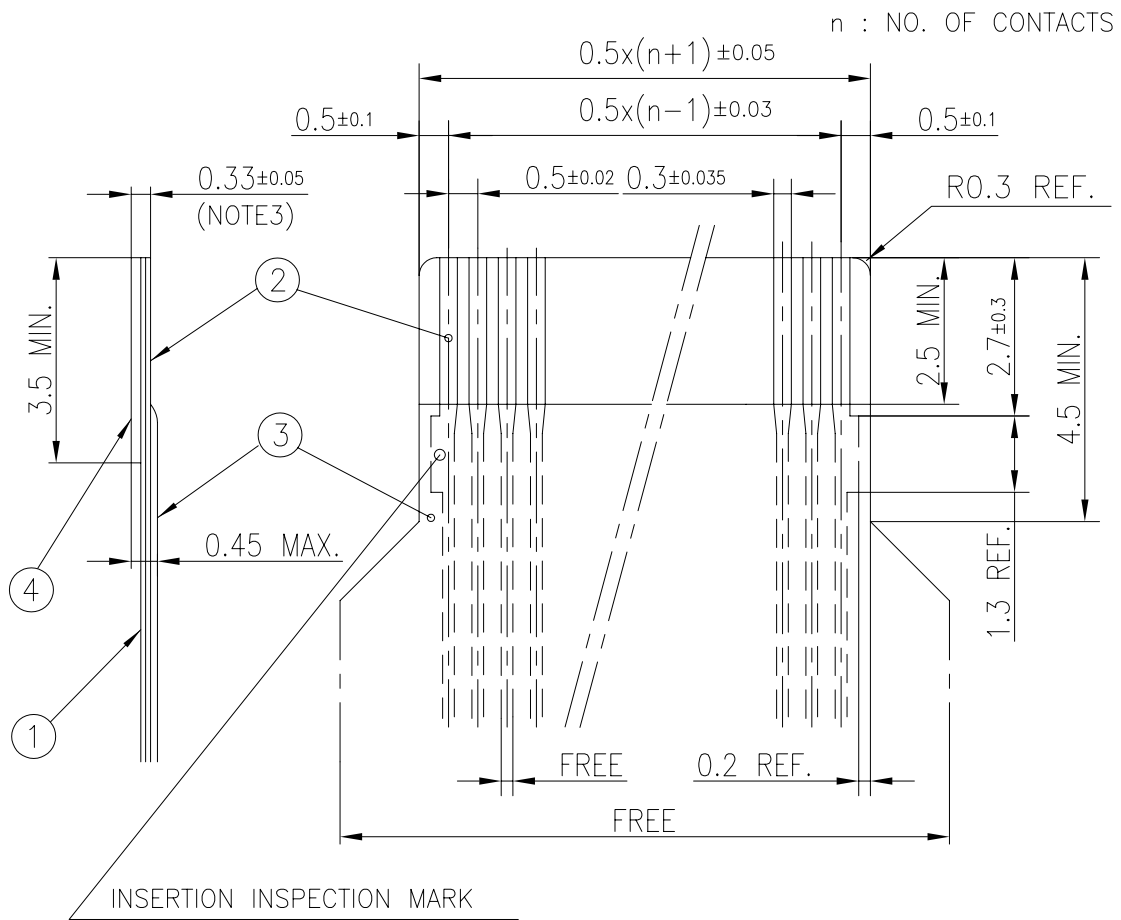
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE	_____	A-PET	_____	COLOR : TRANSPARENCY (CLEAR)
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFV__R-2STB__LF	SEE ATTACHED DWG.	500	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC 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-2STBE9LF)									
A				angles		linear		±5													
				±5°																	
				dr	DENNIS GOH		09-05-15				dwg no					sheet 7 of 9			size		
				enr	DENNIS GOH		09-05-15				10101543					A4					
				chr	DENNIS GOH		09-05-15														
				appd	JOEY NG		09-05-15														
sheet index		revision																	Rev. A		
		sheet																			

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

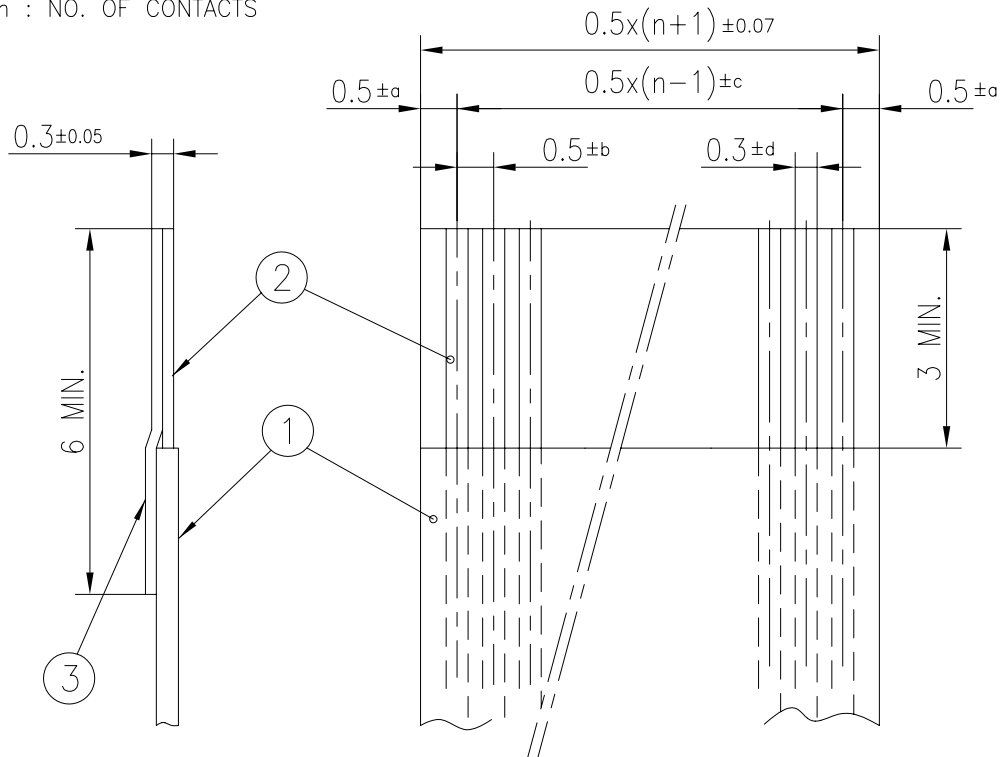
NOTES

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 ☒	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-1/2ST__LF)			
A				angles	linear					
				dr	DENNIS GOH	09-05-15	dwg no 10101543 sheet 8 of 9 size A4			
				enr	DENNIS GOH	09-05-15				
				chr	DENNIS GOH	09-05-15	type Product Customer Drawing			
				appd	JOEY NG	09-05-15				
sheet index	revision sheet									Rev. A

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 ☒ tolerance ISO 406 ☒ ISO 1101		projection		product family 58EF				
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title				
A				angles	linear	scale $\propto$		RECOMMENDED CABLE (Cat. No. : SFV__R-1/2ST__LF)				
				dr	DENNIS GOH	09-05-15			dwg no		sheet 9 of 9	size
				engr	DENNIS GOH	09-05-15			10101543		A4	
				chr	DENNIS GOH	09-05-15						
				appd	JOEY NG	09-05-15						
sheet index		revision sheet										Rev. A