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  $(SFV_R-2STB_LF)$ CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 0.5mm CONTACT 10101543(SHEET4) 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

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surface <sub>58</sub> mat'l. code projection product family 58EF ISO 1302 ISO 1101 tolerances unless otherwise specified title date ecn no dr 0.5mm SPACING FPC/FFC S09-0159 DGOH 09-05-15  $\mathbb{m}\mathbb{m}$ angles CONNECTOR DOCUMENT LIST linear (Cat. No.: SFV\_\_R-1/2STBE9LF) scale 09-05-15 sheet 1 of 9 size DENNIS GOH dwg no DENNIS GOH 09-05-15 10101543 Α4 DENNIS GOH 09-05-15 chr JOEY NG 09-05-15 Product Customer Drawing type |appd| sheet revision Α Α Α Rev. 7 index sheet

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STATUS Released

Printed: Jul 03, 2009

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### CAT. NO. & DIMENSIONS

NO. OF		DII	MENSIO	NS (NC	TE2)
CONTACTS (n)	CAT. NO.	A ± 0.2	B ± 0.2	C ± 0.1	D ± 0.1
4	SFV4R-1/2STBLF	7.5	5.9	1.5	2.7
5	SFV5R-1/2STBLF	8.0	6.4	2.0	3.2
6	SFV6R-1/2STBLF	8.5	6.9	2.5	3.7
7	SFV7R-1/2STBLF	9.0	7.4	3.0	4.2
8	SFV8R-1/2STBLF	9.5	7.9	3.5	4.7
9	SFV9R-1/2STBLF	10.0	8.4	4.0	5.2
10	SFV10R-1/2STBLF	10.5	8.9	4.5	5.7
11	SFV11R-1/2STBLF	11.0	9.4	5.0	6.2
12	SFV12R-1/2STBLF	11.5	9.9	5.5	6.7
13	SFV13R-1/2STBLF	12.0	10.4	6.0	7.2
14	SFV14R-1/2STBLF	12.5	10.9	6.5	7.7
15	SFV15R-1/2STBLF	13.0	11.4	7.0	8.2
16	SFV16R-1/2STBLF	13.5	11.9	7.5	8.7
17	SFV17R-1/2STBLF	14.0	12.4	8.0	9.2
18	SFV18R-1/2STBLF	14.5	12.9	8.5	9.7
19	SFV19R-1/2STBLF	15.0	13.4	9.0	10.2
20	SFV20R-1/2STBLF	15.5	13.9	9.5	10.7
21	SFV21R-1/2STBLF	16.0	14.4	10.0	11.2
22	SFV22R-1/2STBLF	16.5	14.9	10.5	11.7
23	SFV23R-1/2STBLF	17.0	15.4	11.0	12.2
24	SFV24R-1/2STBLF	17.5	15.9	11.5	12.7
25	SFV25R-1/2STBLF	18.0	16.4	12.0	13.2
26	SFV26R-1/2STBLF	18.5	16.9	12.5	13.7
27	SFV27R-1/2STBLF	19.0	17.4	13.0	14.2
28	SFV28R-1/2STBLF	19.5	17.9	13.5	14.7
29	SFV29R-1/2STBLF	20.0	18.4	14.0	15.2
30	SFV30R-1/2STBLF	20.5	18.9	14.5	15.7
31	SFV31R-1/2STBLF	21.0	19.4	15.0	16.2
32	SFV32R-1/2STBLF	21.5	19.9	15.5	16.7
33	SFV33R-1/2STBLF	22.0	20.4	16.0	17.2
34	SFV34R-1/2STBLF	22.5	20.9	16.5	17.7
35	SFV35R-1/2STBLF	23.0	21.4	17.0	18.2

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, 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.

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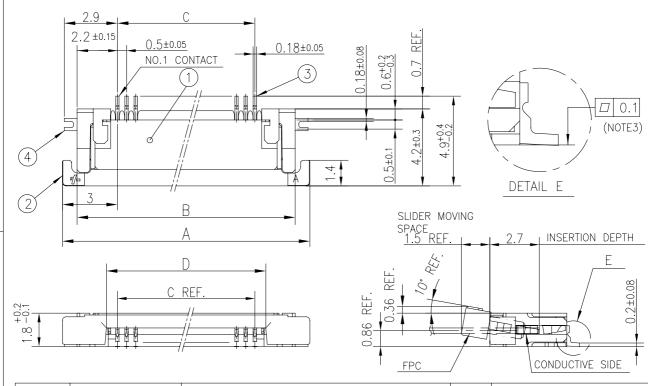
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PT. NO. PARTS NAME MATERIAL Q'TY NOTE POLYAMIDE RESIN GLASS REINFORCED (UL94V-0) COLOR: BLACK 1 HOUSING PPS RESIN GLASS REINFORCED (UL94V-0) 1 COLOR: BROWN 2 SLIDER PLATING: GOLD 3 CONTACT n PHOSPHOR BRONZE 2 MOUNTING PLATE PLATING: LEAD FREE

> PATTERN FOR MOUNTING PLATE FIXING

> > NOTES



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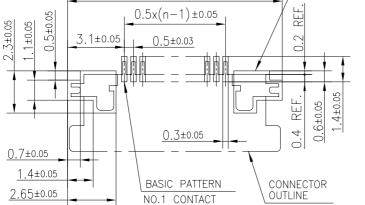
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**POSITION** 

 $6.2+0.5x(n-1)\pm0.05$ 

RECOMMENDED PC BOARD LAYOUT

(COMPONENT SIDE)

n: NO. OF CONTACTS

- 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
- 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.

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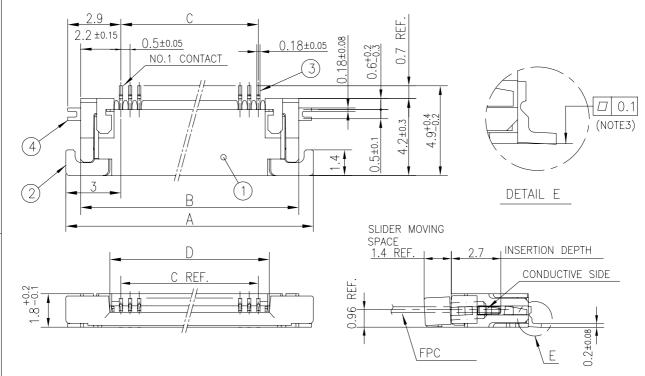
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PARTS NAME MATERIAL Q'TY NOTE PT. NO. POLYAMIDE RESIN GLASS REINFORCED (UL94V-0) HOUSING COLOR: BLACK 1 PPS RESIN GLASS REINFORCED (UL94V-0) 1 COLOR: BROWN 2 **SLIDER** 3 CONTACT n PLATING: GOLD PHOSPHOR BRONZE 2 PLATING: LEAD FREE 4 MOUNTING PLATE

n : NO. OF CONTACTS

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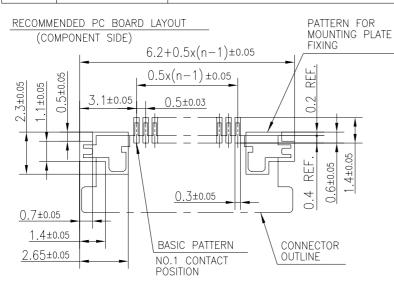








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NOTES 1.THIS PRODUCT IS THE CONNECTOR USED FOR FPC

AND COPES 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.

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# CAT. NO. & DIMENSIONS

NO. OF	OAT NO	DIMENS	SIONS (NC	TE3)
CONTACTS (n)	CAT. NO.	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

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC, CONTACT
DIRECTION

1. LOWER CONTACT TYPE
2. UPPER CONTACT TYPE
4. UPPER CONTACT TYPE
5 OR AUTOMATIC MOUNTING
(SMT)
PLATING VARIATION

TAPE PACKAGING FOR E9
(500pcs PER REEL)

LEAD FREE

# NOTES

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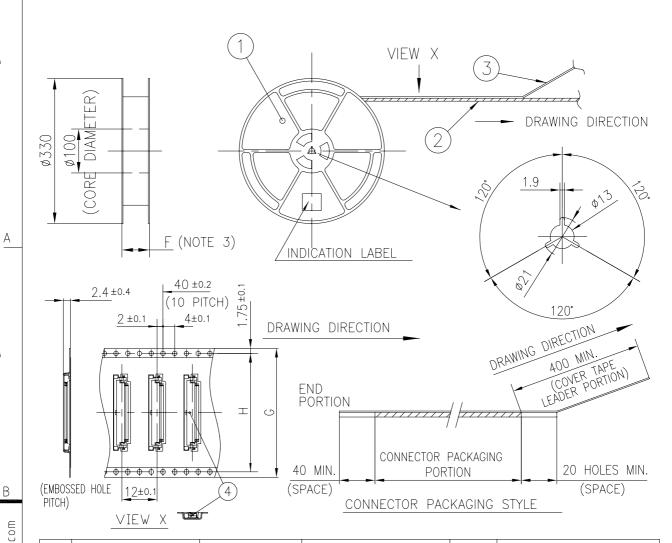
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PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE		A-PET		COLOR : TRANSPARENCY (CLEAR)
3	COVER		POLYESTER		COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFVR-1STBLF	SEE ATTACHED DWG.	500	LOWER CONTACT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

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

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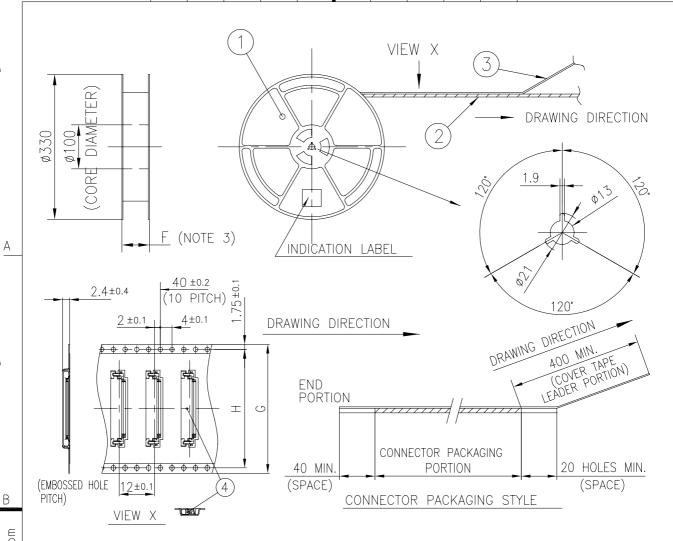
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PT NC	. PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL		POLYSTYRENE	1	COLOR : BLACK
2	PLASTIC (EMBOSS) TAPE		A-PET		COLOR : TRANSPARENCY (CLEAR)
3	COVER		POLYESTER		COLOR : TRANSPARENCY (CLEAR)
4	CONNECTOR	SFVR-2STBLF	SEE ATTACHED DWG.	500	LOWER CONTACT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

NOTES

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

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RECOMMENDED CABLE (FPC)

n: NO. OF CONTACTS  $0.5x(n+1)\pm0.05$  $0.5x(n-1)\pm0.03$  $0.5 \pm 0.1$  $0.5 \pm 0.1$  $0.33 \pm 0.05$  $0.5 \pm 0.02$   $0.3 \pm 0.035$ RO.3 REF. (NOTE3) 3.5 MIN. 4.5 MIN 3 0.45 MAX. REF. FREE 0.2 REF. FREE INSERTION INSPECTION MARK

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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.

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STATUS Released

Printed: Jul 03, 2009

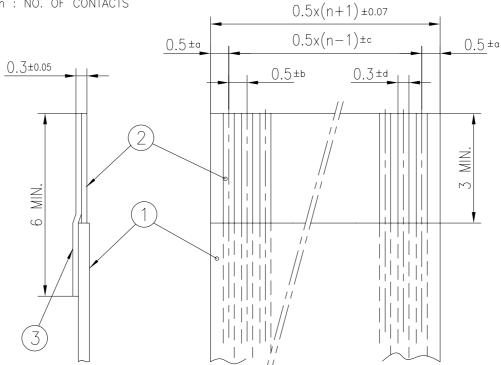
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# RECOMMENDED CABLE (FFC)





KIND OF	DIMENSIONAL TOLERANCE											
(NOTE3)	а	b	С	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

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- 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.

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