List of "SFW__S-2ST(M)AE9LF" customer document

DOCUMENT NO.	SPEC.
LIST	
10117344 Sheet2	CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW__S-2ST_A__LF)
10117344 Sheet3	1mm SPACING SMT CONNECTOR (SFW__S-2STA__LF)
10117344 Sheet4	1mm SPACING SMT CONNECTOR (SFW__S-2STMA__LF)
10117344 Sheet5	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__S-2ST_AE9LF)
10117344 Sheet6	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__S-2ST_AE9LF)
10117344 Sheet7	RECOMMENDED CABLE (FPC) (SFW__S-2STA__)

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mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family 58SF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title SFW_S Documents Configuration (1mm Spacing connector)	
A	J11-0043	S.W	2011-2-14	angles	linear	mm		
						scale X		
				dr S.Watanabe	2011-2-14	FCI	dwg no 10117344	sheet 1 of 7 size A4
				engr S.Watanabe	2011-2-14			
				chr Y.Kamada	2011-2-16		type Product Customer Drawing	
				appd [signature]	2011/4/11			

sheet index	revision sheet									Rev. A
		A	A	A	A	A	A	A		
		1	2	3	4	5	6	7		

form: A4

CAT. NO. & DIMENSIONS

NOTE3	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)		
			A ±0.2	B ±0.2	C±0.2
	4	SFW4S-2ST_A_LF	10.4	5.24	3
	5	SFW5S-2ST_A_LF	11.4	6.24	4
	6	SFW6S-2ST_A_LF	12.4	7.24	5
*	7	SFW7S-2ST_A_LF	13.4	8.24	6
	8	SFW8S-2ST_A_LF	14.4	9.24	7
*	9	SFW9S-2ST_A_LF	15.4	10.24	8
	10	SFW10S-2ST_A_LF	16.4	11.24	9
	11	SFW11S-2ST_A_LF	17.4	12.24	10
*	12	SFW12S-2ST_A_LF	18.4	13.24	11
	13	SFW13S-2ST_A_LF	19.4	14.24	12
	14	SFW14S-2ST_A_LF	20.4	15.24	13
	15	SFW15S-2ST_A_LF	21.4	16.24	14
	16	SFW16S-2ST_A_LF	22.4	17.24	15
	17	SFW17S-2ST_A_LF	23.4	18.24	16
*	18	SFW18S-2ST_A_LF	24.4	19.24	17
*	19	SFW19S-2ST_A_LF	25.4	20.24	18
	20	SFW20S-2ST_A_LF	26.4	21.24	19
*	21	SFW21S-2ST_A_LF	27.4	22.24	20
	22	SFW22S-2ST_A_LF	28.4	23.24	21
	23	SFW23S-2ST_A_LF	29.4	24.24	22
	24	SFW24S-2ST_A_LF	30.4	25.24	23
*	25	SFW25S-2ST_A_LF	31.4	26.24	24
	26	SFW26S-2ST_A_LF	32.4	27.24	25
*	27	SFW27S-2ST_A_LF	33.4	28.24	26
	28	SFW28S-2ST_A_LF	34.4	29.24	27
	29	SFW29S-2ST_A_LF	35.4	30.24	28
	30	SFW30S-2ST_A_LF	36.4	31.24	29
*	31	SFW31S-2ST_A_LF	37.4	32.24	30
*	32	SFW32S-2ST_A_LF	38.4	33.24	31

CAT. NO. SFW (n) S -2 ST- A -- LF

- SERIES
- NO. OF CONTACTS
- STRAIGHT TYPE
- FOR FPC / FFC
- VARIATION
  - STM : FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE
  - ST : FOR AUTOMATIC MOUNTING (SMT) WITHOUT MOUNTING PLATE
- GOLD PLATING
- PACKAGE STYLE
- LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR, DESIGNED TO TREMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A.B.C.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK

ltr	ecn no	dr	date
A			

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles

linear

projection

mm

scale X

dr	S. Matsuda	2011-2-14
engr	S. Matsuda	2011-2-14
chr	Y. Kameda	2011-2-14
appd		2011/4/11

product family 58SF

CODE JP

title: CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.SFW__S-2ST_A_LF)

dwg no 10117344

sheet 2 of 7

size A4

type Product Customer Drawing

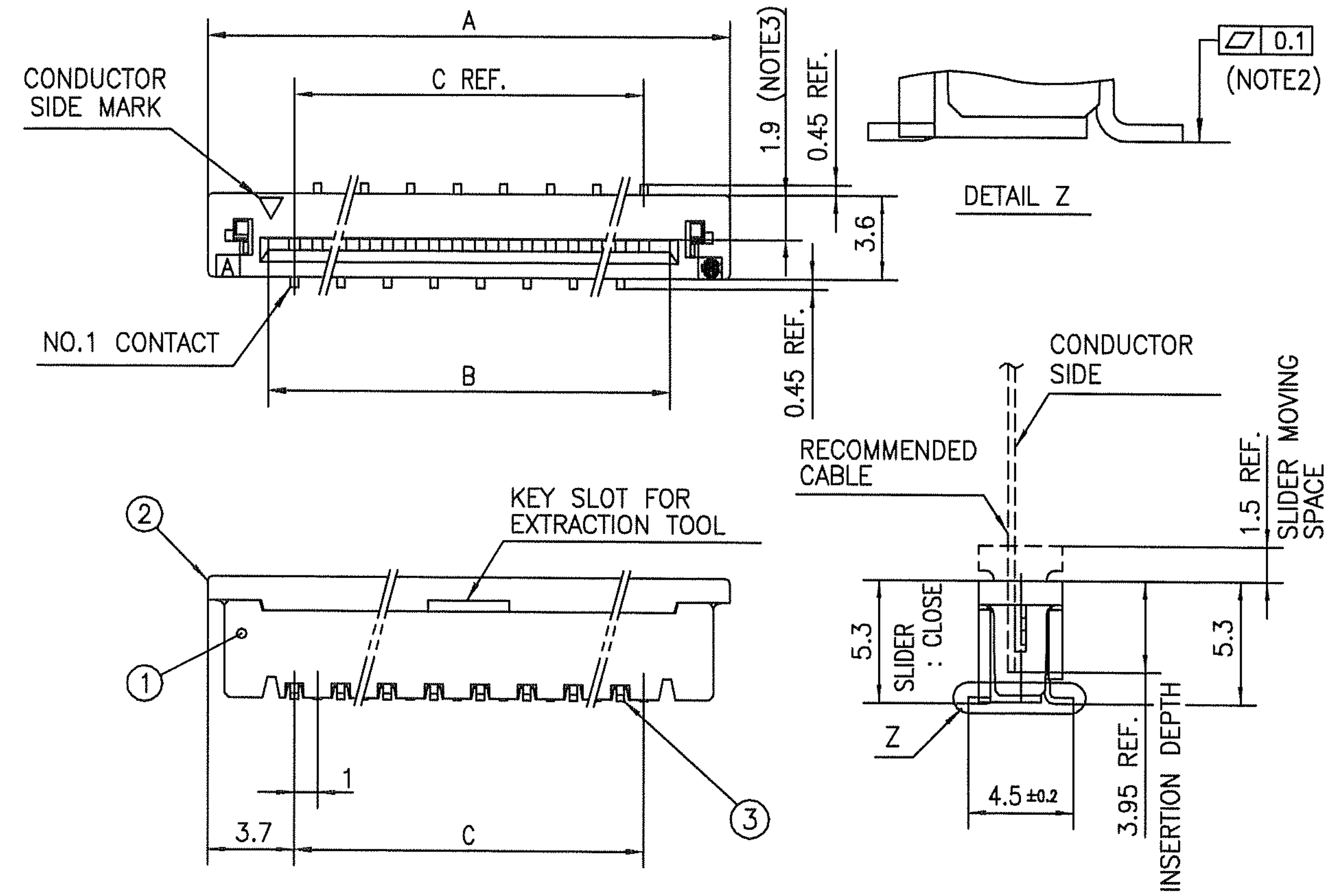
sheet index | revision sheet

Rev. A

form: A4

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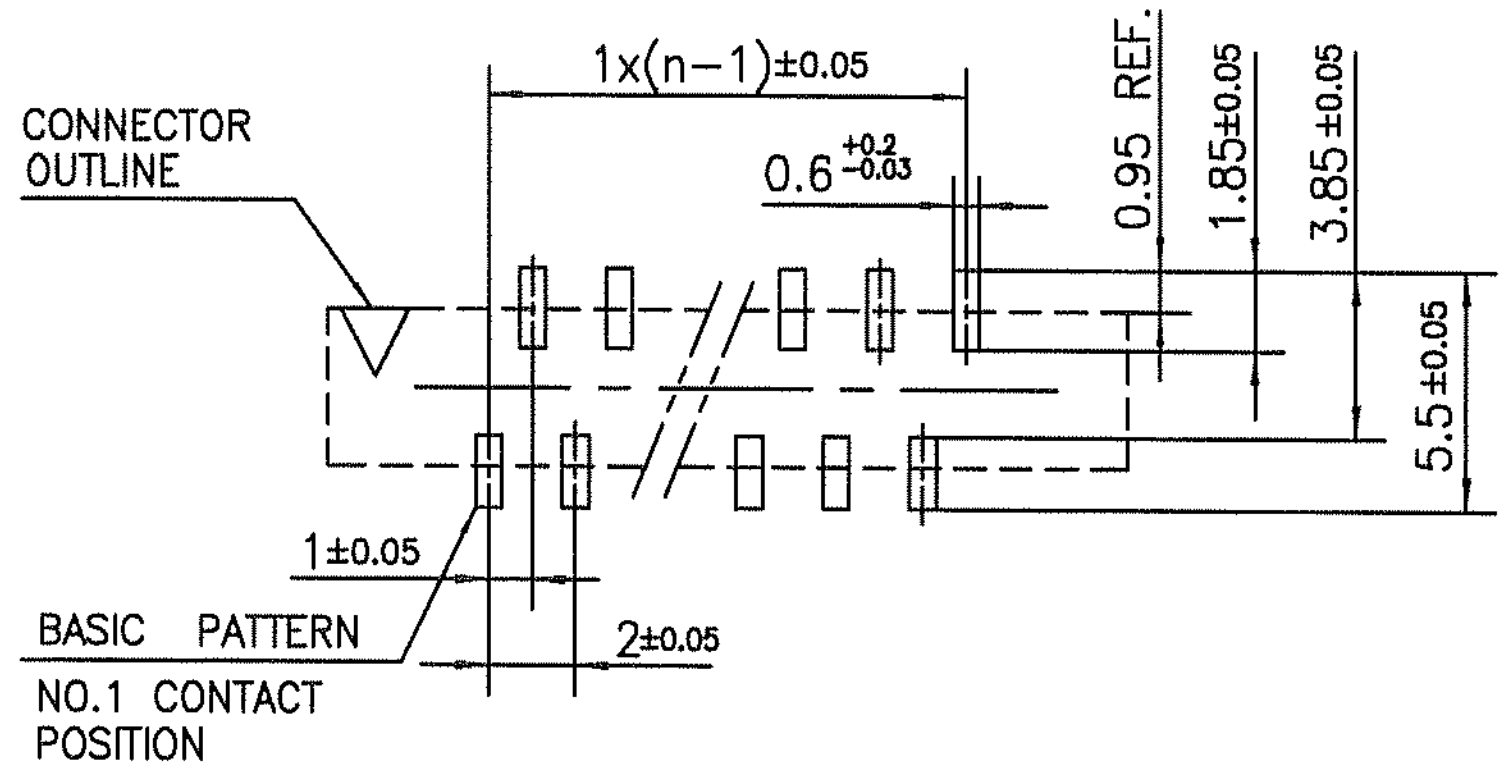
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PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED. (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD PLATING

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
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.

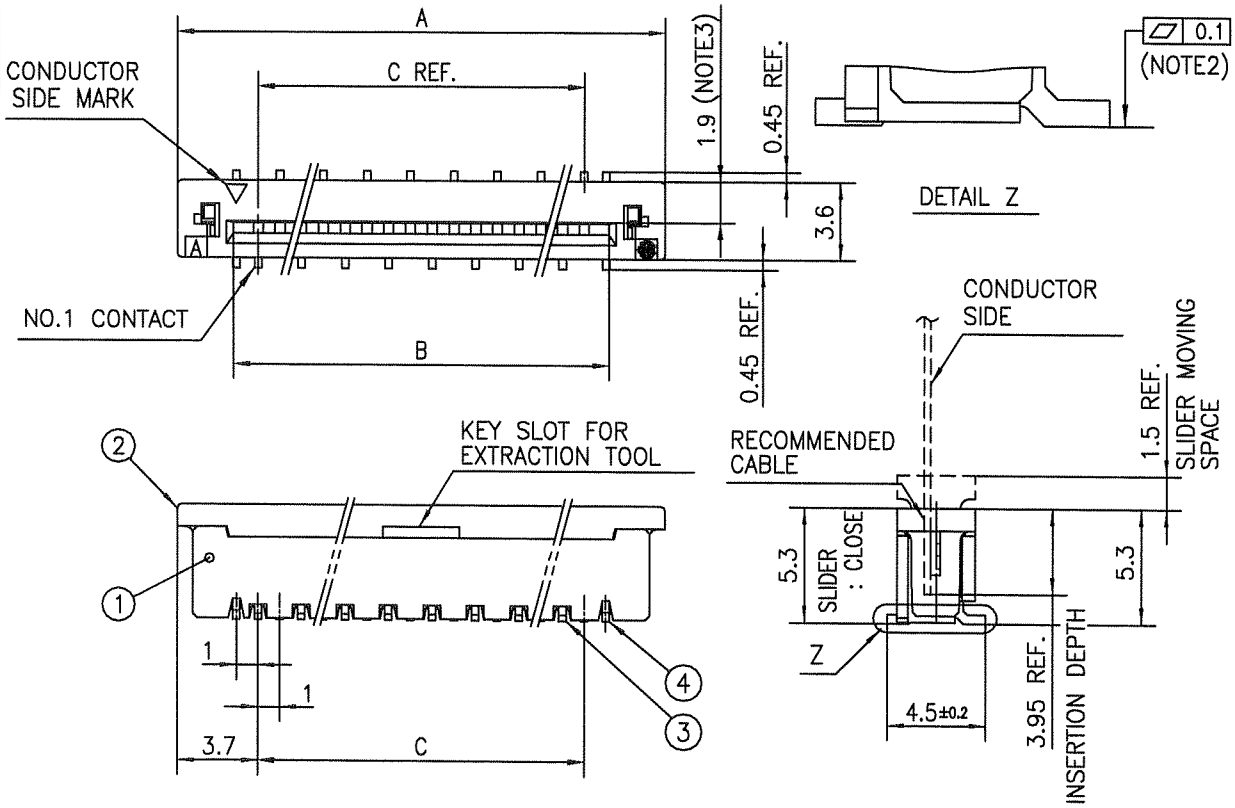
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mat'l. code	surface ISO 1302 58	tolerance ISO 406 ISO 1101
tolerances unless otherwise specified	angles	linear ±0.2
projection	mm	scale X
product family	58SF	CODE JP
title	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STA_LF)	
dr	S. Watanabe	2011-2-14
engr	S. Watanabe	2011-2-14
chr	Y. Kameda	2011-2-14
appd	[signature]	Feb/14/11
dwg no	10117344	sheet 3 of 7
size	A4	
type	Product Customer Drawing	
Rev.	A	

ltr	ecn no	dr	date
A			

sheet index | revision sheet

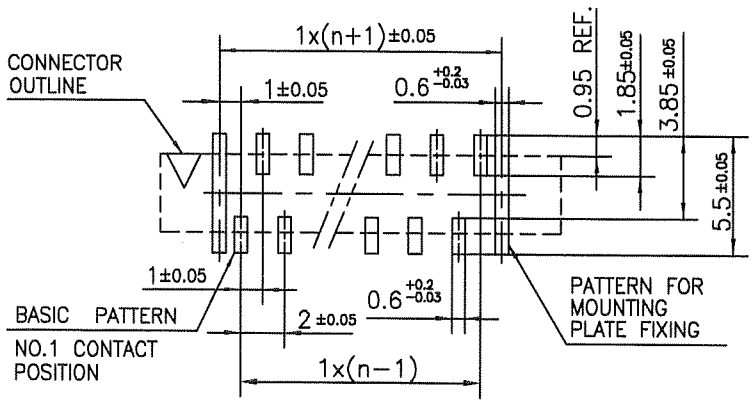
form: A4



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	GLASS FILLED THERMOPLASTIC RATED. (UL94V-0)	1	COLOR : BROWN
2	SLIDER		1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : GOLD PLATING
4	MOUNTING PLATE	BRASS	2	PLATING : Sn Ni UNDER PLATED

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS DIMENSION IS SPACE FOR THE NOZZLE OF MOUNTER.
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 58	tolerance ISO 406 ISO 1101	projection
ltr ecn no dr date: A	tolerances unless otherwise specified: angles	linear ±0.2	mm
			scale X
	dr S. Watanabe	2011-2-14	
	engr S. Watanabe	2011-2-14	
	chr Y. Kameda	2011-2-14	
	appd	Feb14/11	

product family	58SF
CODE	JP
title	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR (CAT.No.SFW__S-2STMA__LF)
dwg no	10117344
sheet	4 of 7
size	A4
type	Product Customer Drawing
sheet index / revision sheet	Rev. A

form: A4

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CAT. NO. & DIMENSIONS

(NOTE4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			D MAX.	E ± 0.3	F ± 0.1
	4	SFW4S-2ST_AE9LF	30.4	24	—
	5	SFW5S-2ST_AE9LF	30.4	24	—
	6	SFW6S-2ST_AE9LF	30.4	24	—
*	7	SFW7S-2ST_AE9LF	30.4	24	—
	8	SFW8S-2ST_AE9LF	30.4	24	—
*	9	SFW9S-2ST_AE9LF	30.4	24	—
	10	SFW10S-2ST_AE9LF	30.4	24	—
	11	SFW11S-2ST_AE9LF	30.4	24	—
*	12	SFW12S-2ST_AE9LF	38.4	32	28.4
	13	SFW13S-2ST_AE9LF	38.4	32	28.4
	14	SFW14S-2ST_AE9LF	38.4	32	28.4
	15	SFW15S-2ST_AE9LF	38.4	32	28.4
	16	SFW16S-2ST_AE9LF	50.4	44	40.4
	17	SFW17S-2ST_AE9LF	50.4	44	40.4
*	18	SFW18S-2ST_AE9LF	50.4	44	40.4
*	19	SFW19S-2ST_AE9LF	50.4	44	40.4
	20	SFW20S-2ST_AE9LF	50.4	44	40.4
*	21	SFW21S-2ST_AE9LF	50.4	44	40.4
	22	SFW22S-2ST_AE9LF	50.4	44	40.4
	23	SFW23S-2ST_AE9LF	50.4	44	40.4
	24	SFW24S-2ST_AE9LF	50.4	44	40.4
*	25	SFW25S-2ST_AE9LF	50.4	44	40.4
	26	SFW26S-2ST_AE9LF	50.4	44	40.4
*	27	SFW27S-2ST_AE9LF	62.4	56	52.4
	28	SFW28S-2ST_AE9LF	62.4	56	52.4
	29	SFW29S-2ST_AE9LF	62.4	56	52.4
	30	SFW30S-2ST_AE9LF	62.4	56	52.4
*	31	SFW31S-2ST_AE9LF	62.4	56	52.4
*	32	SFW32S-2ST_AE9LF	62.4	56	52.4

CAT. NO. SFW (n) S - 2 ST_ A E9 LF

- SERIES
- NO. OF CONTACTS
- STRAIGHT TYPE
- FOR FPC / FFC
- VARIATION
  - STM : FOR AUTOMATIC MOUNTING (SMT) WITH MOUNTING PLATE
  - ST : FOR AUTOMATIC MOUNTING (SMT) WITHOUT MOUNTING PLATE
- GOLD PLATING
- PACKAGE STYLE (500pcs PER REEL)
- LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS D~F.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

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ltr	ecn no	dr	date
A			

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles linear

projection mm scale X

dr	S. Mitchler	2011-2-14
engr	S. Mitchler	2011-2-14
chr	Y. Kameda	2011-2-16
appd	M. Chin	Feb 14/11

product family 58SF CODE JP

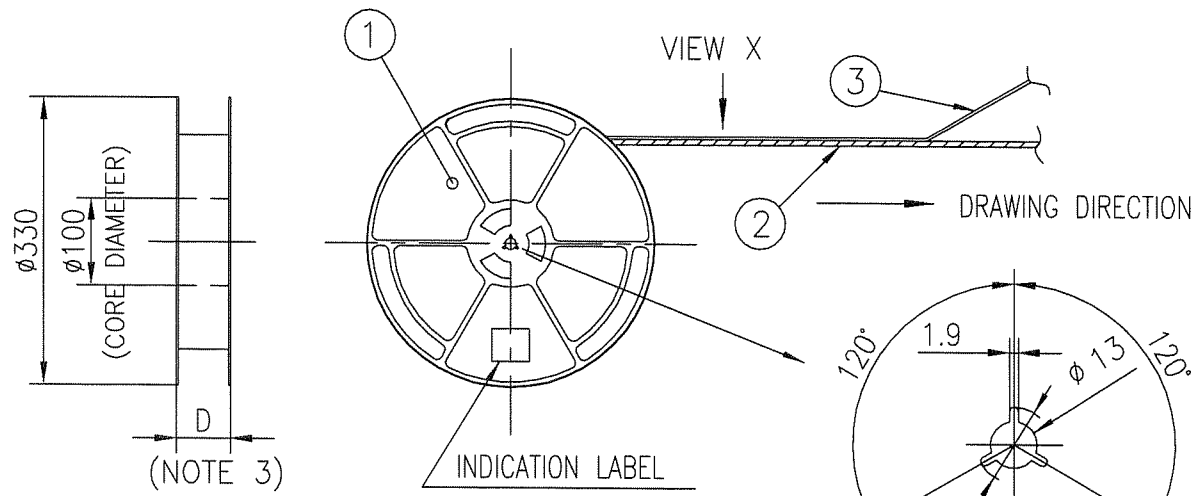
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CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.
(Cat. No. SFW__S-2ST_AE9LF)

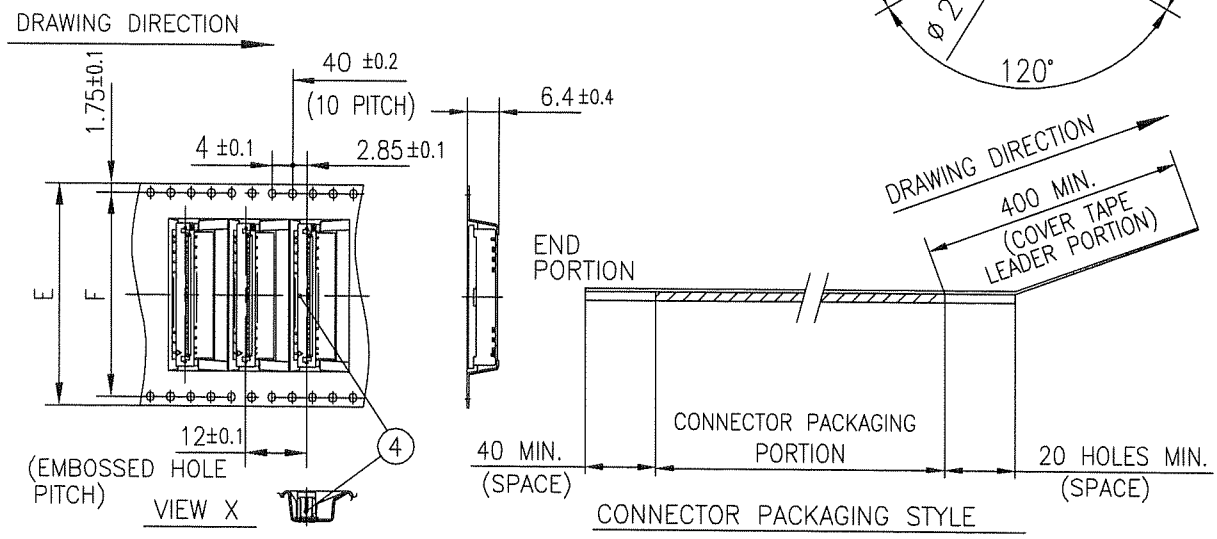
dwg no 10117344 sheet 5 of 7 size A4

type Product Customer Drawing

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form: A4





CONNECTOR PACKAGING STYLE

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSSED) TAPE	———	PET	———	COLOR : TRANSPARENCY
3	COVER	———	POLYESTER	———	COLOR : TRANSPARENCY
4	CONNECTOR	SFW__S-2ST_ALF	SEE ATTACHED DWG.	500	———

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 (EMBOSSED) TAPE AND REEL.
3. F DIMENSION IS PORTION OF THE CORE.

ltr	ecn no	dr	date
A			

mat'l. code

surface ISO 1302 ✓ tolerance ISO 406 ISO 1101

tolerances unless otherwise specified: angles ±5°, linear ±5

projection

mm

scale X

dr	S. Mitchell	2011-2-14
engr	S. Mitchell	2011-2-14
chr	Y. Kaneda	2011-2-16
appd	M. Ami	Feb 14/11

product family 58SF CODE JP

title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__S-2ST_AE9LF)

dwg no 10117344 sheet 6 of 7 size A4

type Product Customer Drawing

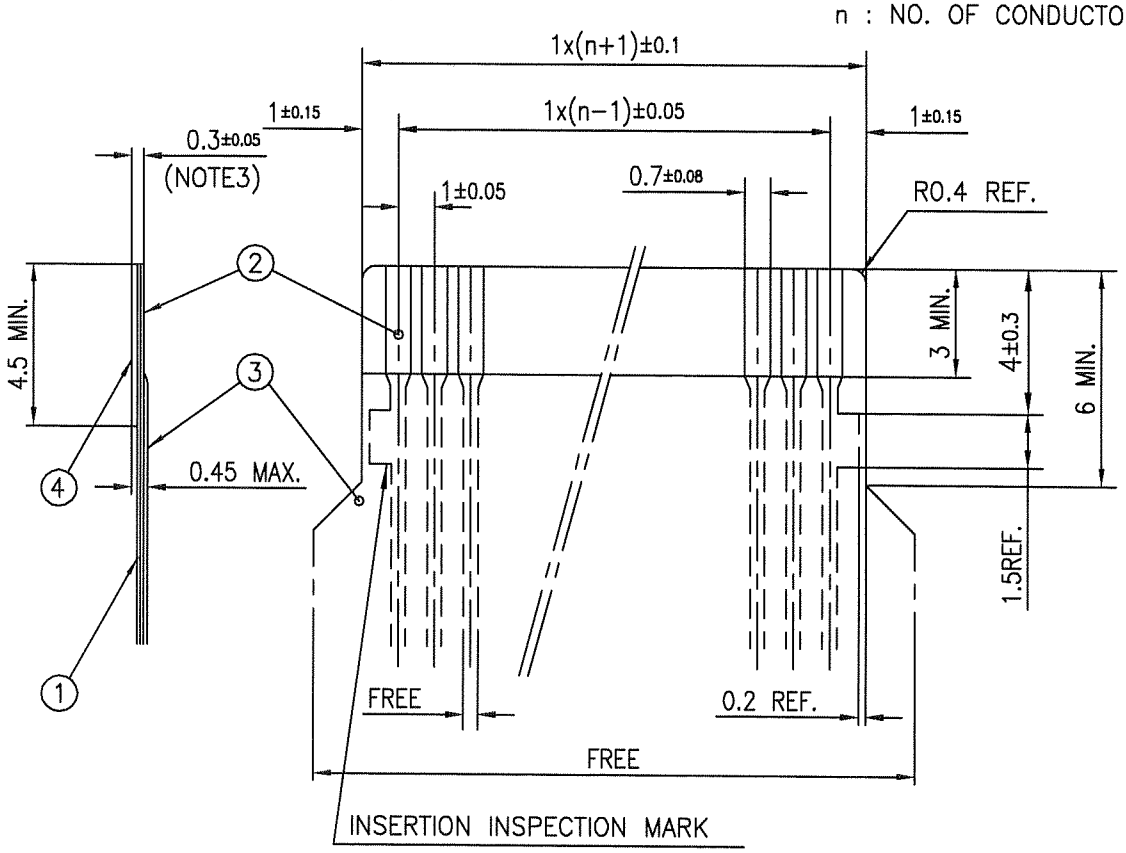
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	sheet																					

form: A4

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RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL(GOLD PLATING)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	——
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUIVALENT	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 58 ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr | ecn no | dr | date	tolerances unless otherwise specified		mm
A	angles / linear		scale X
dr	S. Mitchell	2011-2-14	
engr	S. Mitchell	2011-2-14	
chr	Y. Kameda	2011-2-14	
appd	M. Cipri	Feb/14/11	

product family	58SF
CODE	JP
title	RECOMMENDED CABLE (CAT.No.SFW__S-2STA__)
dwg no	10117344
sheet	7 of 7
size	A4
type	Product Customer Drawing
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form: A4

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