List of "SFW__R-5/6STE1LF" customer document

DOCUMENT NO.	LIST
SC-SFW12	SPEC.
JSA95866	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-5/6ST__LF)
JSA95867	1mm SPACING SMT CONNECTOR (SFW__R-5ST__LF)
JSA95868	1mm SPACING SMT CONNECTOR (SFW__R-6ST__LF)
JSA95869	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-5/6STE1LF)
JSA95870	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-5STE1LF)
JSA95871	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-6STE1LF)
JSA91675	RECOMMENDED CABLE (CIC) (SFW__R-5/6ST__)

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mat'l. code –

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

folerances unless otherwise specified

angles | linear

projection

mm

scale X

product family 58RF

CODE JP

title
1mm SPACING CIC CONNECTOR DOCUMENT LIST
(Cat. No. : SFW__R-5/6STE1LF)

ltr	ecn no	dr	date
A	J05-0055	H.T	'05/2/4
B	J06-0398	H.T	'9/26/06
C	J09-0363	M.Y	2009-10-8

dr	M.YAMASHITA	2009-10-8
engr	M.YAMASHITA	2009-10-8
chr	S.Watabe	2009-10-8
appd	S.Ondera	2009-10-8

dwg no JSA 96339

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

form: A4

PDM: Rev:C STATUS:Released Printed: Oct 13, 2009

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)			
		A ± 0.2	B ± 0.2	C ± 0.2	D ± 0.1
4	SFW4R-5/6ST__LF	9.8	8.6	3.0	5.3
5	SFW5R-5/6ST__LF	10.8	9.6	4.0	6.3
6	SFW6R-5/6ST__LF	11.8	10.6	5.0	7.3
7	SFW7R-5/6ST__LF	12.8	11.6	6.0	8.3
8	SFW8R-5/6ST__LF	13.8	12.6	7.0	9.3
9	SFW9R-5/6ST__LF	14.8	13.6	8.0	10.3
10	SFW10R-5/6ST__LF	15.8	14.6	9.0	11.3
11	SFW11R-5/6ST__LF	16.8	15.6	10.0	12.3
12	SFW12R-5/6ST__LF	17.8	16.6	11.0	13.3
13	SFW13R-5/6ST__LF	18.8	17.6	12.0	14.3
14	SFW14R-5/6ST__LF	19.8	18.6	13.0	15.3
15	SFW15R-5/6ST__LF	20.8	19.6	14.0	16.3
16	SFW16R-5/6ST__LF	21.8	20.6	15.0	17.3
17	SFW17R-5/6ST__LF	22.8	21.6	16.0	18.3
18	SFW18R-5/6ST__LF	23.8	22.6	17.0	19.3
19	SFW19R-5/6ST__LF	24.8	23.6	18.0	20.3
20	SFW20R-5/6ST__LF	25.8	24.6	19.0	21.3
21	SFW21R-5/6ST__LF	26.8	25.6	20.0	22.3
22	SFW22R-5/6ST__LF	27.8	26.6	21.0	23.3
23	SFW23R-5/6ST__LF	28.8	27.6	22.0	24.3
24	SFW24R-5/6ST__LF	29.8	28.6	23.0	25.3
25	SFW25R-5/6ST__LF	30.8	29.6	24.0	26.3
26	SFW26R-5/6ST__LF	31.8	30.6	25.0	27.3
27	SFW27R-5/6ST__LF	32.8	31.6	26.0	28.3
28	SFW28R-5/6ST__LF	33.8	32.6	27.0	29.3
29	SFW29R-5/6ST__LF	34.8	33.6	28.0	30.3
30	SFW30R-5/6ST__LF	35.8	34.6	29.0	31.3

CAT. NO. SFW (n) R -5 ST __ LF

- SERIES NAME
- NO. OF CONTACTS
- RIGHT ANGLE TYPE
- FOR CIC, CONTACT DIRECTION
  - 5. LOWER CONTACT TYPE
  - 6. UPPER CONTACT TYPE
- FOR AUTOMATIC MOUNTING (SMT)
- PACKAGE STYLE
- LEAD FREE

NOTES

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

ltr	ecn no	dr	date
AA	J05-0055	H.T.	2/4/'05
AB	J06-0398	H.T.	9/26/'06
AC	J09-0363	M.Y	2009-10-8

mat'l. code | surface ISO 1302 58 | tolerance ISO 406 ISO 1101 | tolerances unless otherwise specified: angles, linear | projection | mm | scale X

dr	M.YAMAKITA	2009-10-8
engr	M.YAMAKITA	2009-10-8
chr	S. Mitchell	2009-10-8
appd	S. Audamino	2009-10-8

product family: 58RF | CODE: JP

title: CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-5/6ST__LF)

dwg no: JSA 95866 | sheet 1 of 1 | size: A4

type: Product Customer Drawing

sheet index	revision	AC
	sheet	1

Rev. AC

SC-SFW12 JSA95867 95868 95868 95869 95870 95871 91675
form: A4

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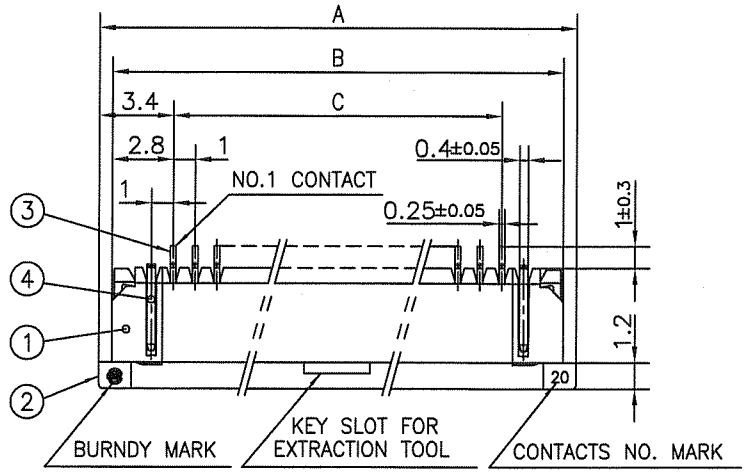
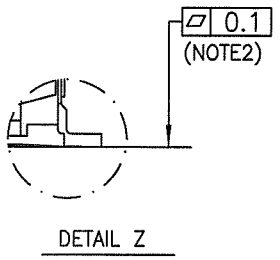
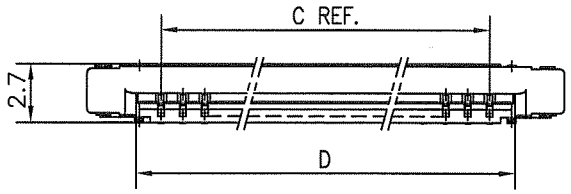
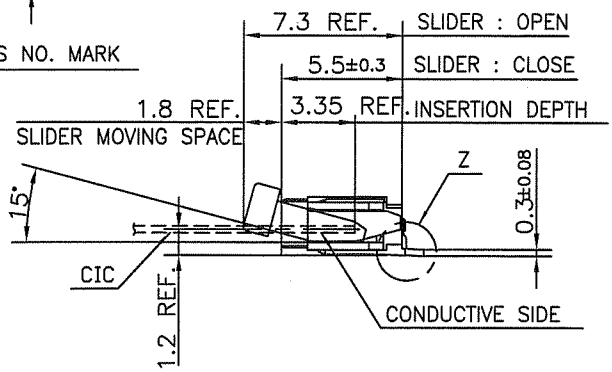
PDM: Rev:AC STATUS:Released Printed: Oct 13, 2009





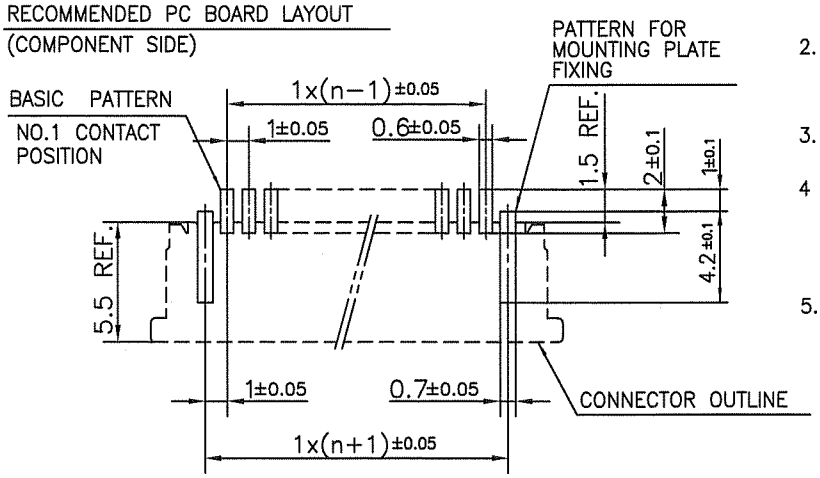




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BROWN
2	SLIDER		1	COLOR:BEIGE
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:TIN
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
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.

ltr	ecn no	dr	date
AA	J04-0180	H.T	7/2/'04
AB	J05-0055	H.T	2/4/'05
AC	J05-0736	H.T	10/28/'05
AD	J06-0398	H.T	9/26/'06
AE	J09-0363	M.Y	2009-10-8

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear ±0.2

projection

mm

scale X

dr	MASAHASHITA	2009-10-8
engr	MASAHASHITA	2009-10-8
chr	S. Mitchell	2009-10-8
appd	S. Anderson	2009-10-8

product family 58RF

CODE JP

title
1mm SPACING SMT CONNECTOR
(Cat. No. SFW__R-5ST__LF)

dwg no JSA 95867

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision	AE
	sheet	1

Rev. AE

SC-SFW12 JSA95866
form: A4

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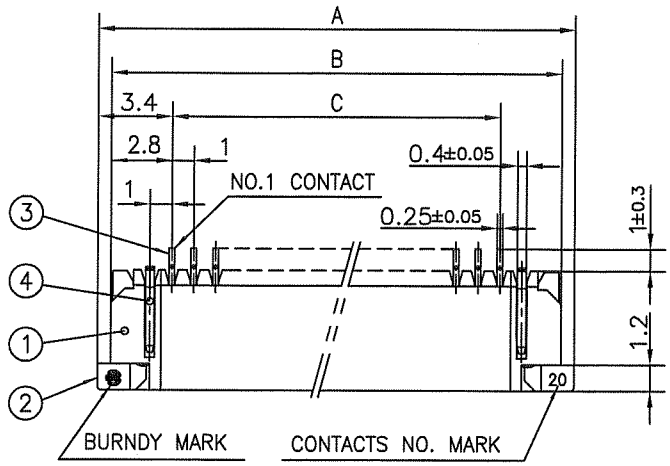
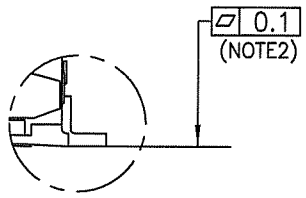
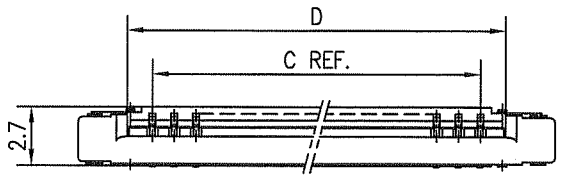
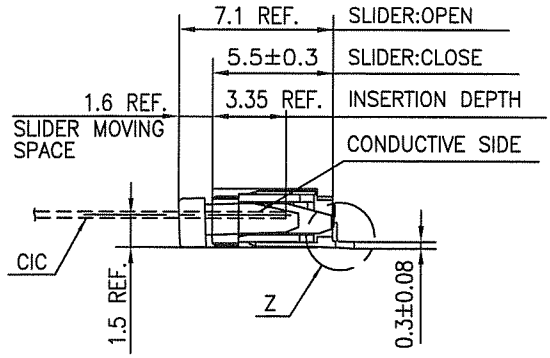








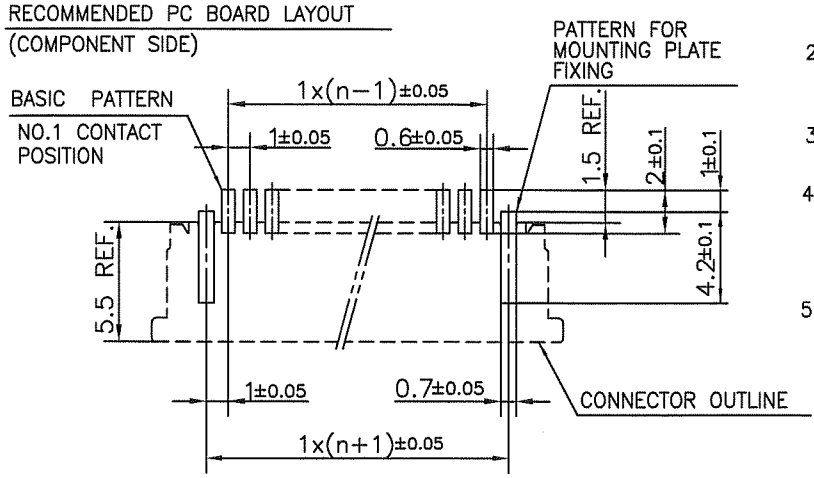
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BROWN
2	SLIDER		1	COLOR:BEIGE
3	CONTACT	PHOSPHOR BRONZE	n	PLATING:TIN
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS UPPER CONTACT TYPE CONNECTOR.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DISCRIBED IN GS-22-008
5. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



mat'l. code				surface ISO 1302 58	tolerance ISO 406 ISO 1101	projection	product family 58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
AA	J04-0180	H.T	7/2/'04	angles	linear ±0.2	mm	1mm SPACING SMT CONNECTOR	
AB	J05-0055	H.T	2/4/'05				(Cat. No. SFW__R-6ST__LF)	
AC	J05-0736	H.T	10/28/'05			scale X		
AD	J06-0398	H.T	9/26/'06	dr	M.YAMASHITA 2009-10-8		dwg no JSA 95868	sheet 1 of 1 size A4
AE	J09-0363	M.Y	2009-10-8	engr	M.YAMASHITA 2009-10-8		type Product Customer Drawing	
				chr	S.Mitsuhashi 2009-10-8			
				appd	S.Audain 2009-10-8			

sheet index	revision sheet	AE 1	Rev. AE

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form: A4

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CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-5/6STE1LF	20.4	16	—
5	SFW5R-5/6STE1LF	28.4	24	—
6	SFW6R-5/6STE1LF	28.4	24	—
7	SFW7R-5/6STE1LF	28.4	24	—
8	SFW8R-5/6STE1LF	28.4	24	—
9	SFW9R-5/6STE1LF	28.4	24	—
10	SFW10R-5/6STE1LF	28.4	24	—
11	SFW11R-5/6STE1LF	28.4	24	—
12	SFW12R-5/6STE1LF	28.4	24	—
13	SFW13R-5/6STE1LF	36.4	32	28.4
14	SFW14R-5/6STE1LF	36.4	32	28.4
15	SFW15R-5/6STE1LF	36.4	32	28.4
16	SFW16R-5/6STE1LF	36.4	32	28.4
17	SFW17R-5/6STE1LF	48.4	44	40.4
18	SFW18R-5/6STE1LF	48.4	44	40.4
19	SFW19R-5/6STE1LF	48.4	44	40.4
20	SFW20R-5/6STE1LF	48.4	44	40.4
21	SFW21R-5/6STE1LF	48.4	44	40.4
22	SFW22R-5/6STE1LF	48.4	44	40.4
23	SFW23R-5/6STE1LF	48.4	44	40.4
24	SFW24R-5/6STE1LF	48.4	44	40.4
25	SFW25R-5/6STE1LF	48.4	44	40.4
26	SFW26R-5/6STE1LF	48.4	44	40.4
27	SFW27R-5/6STE1LF	48.4	44	40.4
28	SFW28R-5/6STE1LF	60.4	56	52.4
29	SFW29R-5/6STE1LF	60.4	56	52.4
30	SFW30R-5/6STE1LF	60.4	56	52.4

CAT. NO. SFW (n) R -5 ST E1 LF

- SERIES NAME
- NO. OF CONTACTS
- RIGHT ANGLE TYPE
- FOR CIC CONTACT DIRECTION
  - 5. LOWER CONTACT TYPE
  - 6. UPPER CONTACT TYPE
- FOR AUTOMATIC MOUNTING (SMT)
- TAPE PACKAGING
- LEAD 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 E~G.

ltr	ecn no	dr	date
AA	J05-0055	H.T.	2/4/'05
AB	J06-0398	H.T.	9/26/'06
AC	J09-0363	M.Y	2009-10-8

mat'l. code | surface ISO 1302 58 | tolerance ISO 406 ISO 1101 | tolerances unless otherwise specified: angles, linear | projection | mm | scale X

dr	M.YAMAGUCHI	2009-10-8
engr	M.YAMASHITA	2009-10-8
chr	S.Hotta	2009-10-8
appd	S.Andersen	2009-10-9

product family 58RF | CODE JP

title: CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-5/6STE1LF)

dwg no JSA 95869 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	AC
	sheet	1

Rev. AC

SC-SFW12 JSA95866 95870 95871
form: A4

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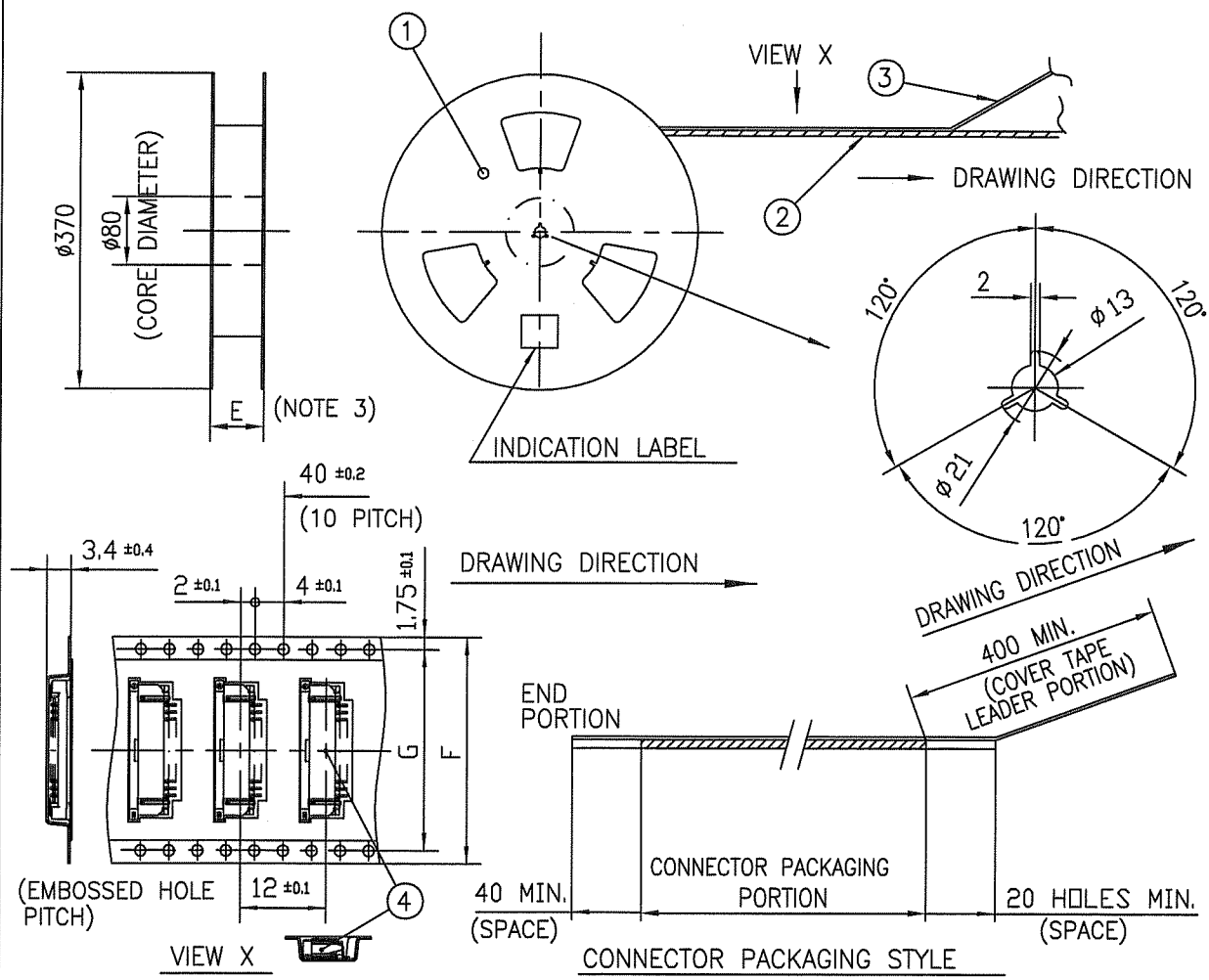

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	———	PET	———	COLOR:TRANSPARENCY
3	COVER	———	POLYESTER	———	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-5ST__LF	SEE ATTACHED DWG	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC 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. E DIMENSION IS PORTION OF THE CORE.

ltr	ecn no	dr	date
AA	J05-0055	H.T.	2/4/'05
AB	J06-0398	H.T.	9/26/'06
AC	J09-0363	M.Y	2009-10-8

mat'l. code | surface ISO 1302 ✓ | tolerance ISO 406 ISO 1101 | tolerances unless otherwise specified: angles ±5° | linear ±5

projection | mm | scale X

dr	H.YAMASHITA	2009-10-8
engr	H.YAMASHITA	2009-10-8
chr	S.Mitchell	2009-10-8
appd	S.Audain	2009-10-8

product family: 58RF | CODE JP

title: PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT. NO. SFW__R-5STE1LF)

dwg no: JSA 95870 | sheet 1 of 1 | size A4

type: Product Customer Drawing

sheet index	revision sheet	AC 1	Rev. AC

SC-SFW12 JSA95869
form: A4

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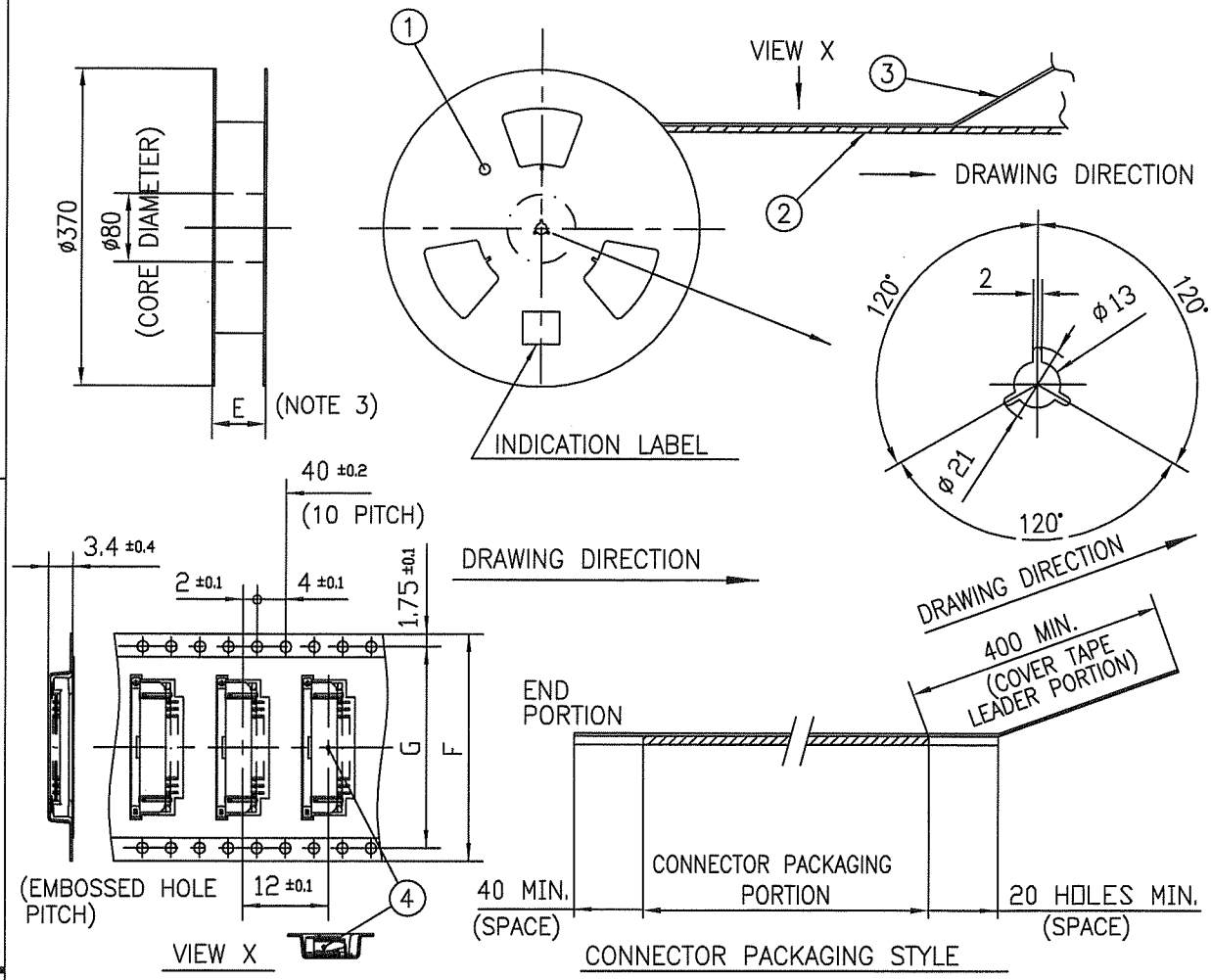

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	——	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSS) TAPE	——	PET	——	COLOR:TRANSPARENCY
3	COVER	——	POLYESTER	——	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-6ST__LF	SEE ATTACHED DWG	2000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR CIC 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. E DIMENSION IS PORTION OF THE CORE.

ltr	ecn no	dr	date
AA	J05-0055	H.T.	2/4/'05
AB	J06-0398	H.T.	9/26/'06
AC	J09-0363	M.Y	2009-10-8

mat'l. code | surface ISO 1302 | tolerance ISO 406 ISO 1101 | projection | product family 58RF | CODE JP

tolerances unless otherwise specified: angles ±5° | linear ±5 | mm

scale X

title: PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (CAT.NO. SFW__R-6STE1LF)

dr	M.YAMAGUCHI	2009-10-8
engr	M.YAMAGUCHI	2009-10-8
chr	S. Watabe	2009-10-8
appd	S. Andou	2009-10-8

dwg no JSA 95871 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	AC
	sheet	1

Rev. AC

SC-SFW12 JSA95869
form: A4

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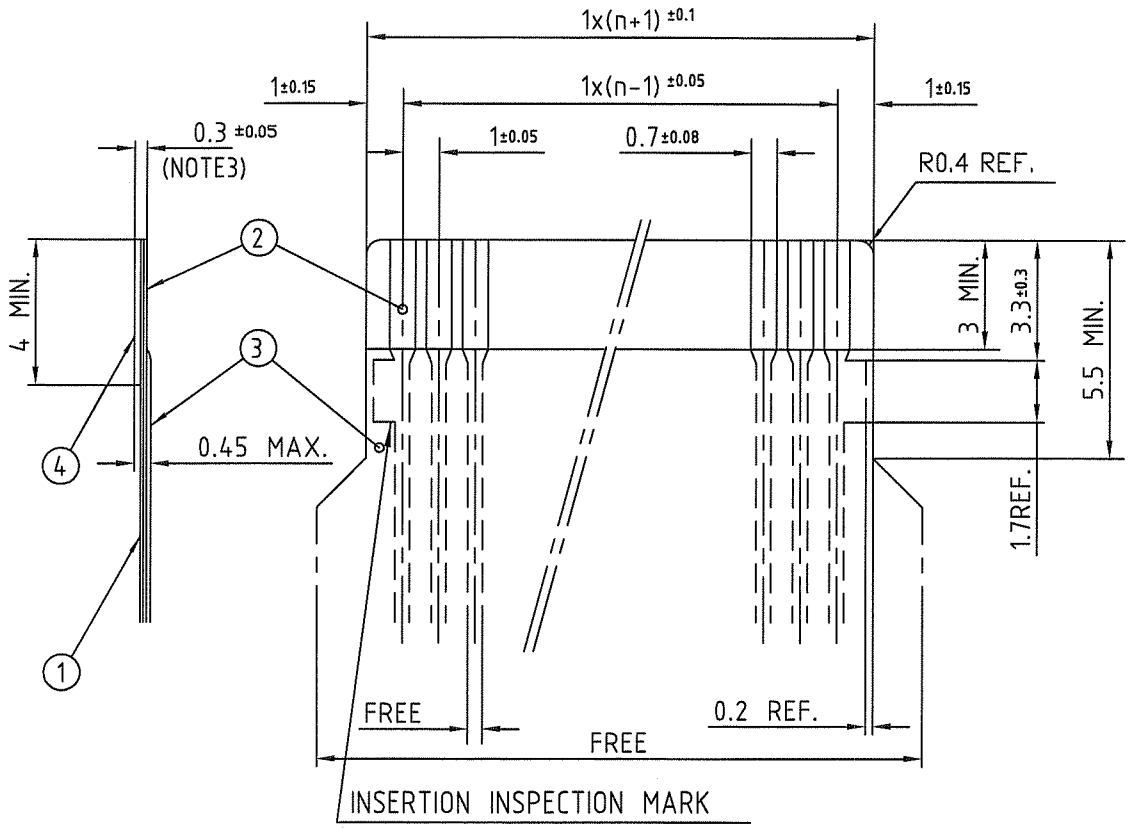
PDM: Rev:AC STATUS:Released Printed: Oct 13, 2009

RECOMMENDED CABLE (CIC)

n:NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)	
1	BASE FILM	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.

ltr	ecn no	dr	date
1	———	—	4/12/'93
AA	J05-0055	H.T	2/4/'05
AB	J06-0398	H.T	9/26/'06
AC	J09-0363	M.Y	2009-10-8

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear

projection

mm

scale X

dr	H.YAMASHITA	2009-10-8
engr	H.YAMASHITA	2009-10-8
chr	S.Nitta	2009-10-8
appd	S.Okuda	2009-10-8

product family 58RF

CODE JP

title
RECOMMENDED CABLE
(Cat. No. SFW_R-5/6__)

dwg no JSA 91675

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision	AC
	sheet	1

Rev. AC

form: A4

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