Configuration of Ducuments

P/N	Documents	No.	Title	CAT.No.
HFW_S-2STE1LF	Specification	SC-HFWS03	CONNECTOR USED FOR FPC/FFC WITH 1mm CONTACT SPACING COPING WITH AUTOMATION MOUNTING &SMT	HFW_S-2ST1LF
	Connector dwg.	JSA96464	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFW_S-2ST_LF
		JSA96465	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	HFW_S-2ST_LF
		JSA96466	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFW_S-2STE1LF
		JSA96467	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFW_S-2STE1LF
	Cable dwg.	JSA93588	RECOMMENDED CABLE	HFW_S-2ST_
		JSA93587	RECOMMENDED CABLE	HFW_S-2ST_
HFW_S-2STAE1LF	Specification	SC-HFWS06	CONNECTOR USED FOR CIC WITH 1mm CONTACT SPACING COPING WITH AUTOMATIC MOUNTING &SMT	HFW_S-2STAE1LF
	Connector dwg.	JSA97369	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFW_S-2STA_LF
		JSA97370	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	HFW_S-2STA_LF
		JSA97371	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFW_S-2STAE1LF
		JSA97372	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFW_S-2STAE1LF
	Cable dwg.	JSA97373	RECOMMENDED CABLE	HFW_S-2STA_
HFW_S-2STBE1LF	Specification	SC-HFWS06	CONNECTOR USED FOR CIC WITH 1mm CONTACT SPACING COPING WITH AUTOMATIC MOUNTING &SMT	HFW_S-2STBE1LF
	Connector dwg.	JSA97359	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFW_S-2STB_LF
		JSA97360	1mm SPACING SURFACE MOUNT FPC/FFC CONNECTOR	HFW_S-2STB_LF
		JSA97361	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFW_S-2STBE1LF
		JSA97362	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFW_S-2STBE1LF
	Cable dwg.	JSA97363	RECOMMENDED CABLE	HFW_S-2STB_
HFW_S-6STE1LF	Specification	SC-HFWS04	CONNECTOR USED FOR CIC WITH 1mm CONTACT SPACING COPING WITH AUTOMATIC MOUNTING &SMT	HFW_S-6STE1LF
	Connector dwg.	JSA96468	CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR	HFW_S-6ST_LF
		JSA96469	1mm SPACING SURFACE MOUNT CIC CONNECTOR	HFW_S-6ST_LF
		JSA96470	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.	HFW_S-6STE1LF
		JSA96471	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR	HFW_S-6STE1LF
	Cable dwg.	JSA93944	RECOMMENDED CABLE	HFW_S-6ST_

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| | | |

CAT. NO. & DIMENSIONS

(NOTE3)	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)				
			A ±0.2	B ±0.2	C±0.2	D±0.2	E±0.2
	4	HFW4S-6ST__LF	7	5.14	3	—	—
	5	HFW5S-6ST__LF	8	6.14	4	—	—
	6	HFW6S-6ST__LF	9	7.14	5	—	—
	7	HFW7S-6ST__LF	10	8.14	6	—	—
	8	HFW8S-6ST__LF	11	9.14	7	—	—
	9	HFW9S-6ST__LF	12	10.14	8	0.35	7.3
	10	HFW10S-6ST__LF	13	11.14	9	0.35	8.3
	11	HFW11S-6ST__LF	14	12.14	10	1.35	7.3
	12	HFW12S-6ST__LF	15	13.14	11	1.35	8.3
	13	HFW13S-6ST__LF	16	14.14	12	2.35	7.3
	14	HFW14S-6ST__LF	17	15.14	13	2.35	8.3
	15	HFW15S-6ST__LF	18	16.14	14	3.35	7.3
	16	HFW16S-6ST__LF	19	17.14	15	3.35	8.3
	17	HFW17S-6ST__LF	20	18.14	16	4.35	7.3
	18	HFW18S-6ST__LF	21	19.14	17	4.35	8.3
	19	HFW19S-6ST__LF	22	20.14	18	5.35	7.3
	20	HFW20S-6ST__LF	23	21.14	19	5.35	8.3
	21	HFW21S-6ST__LF	24	22.14	20	6.35	7.3
	22	HFW22S-6ST__LF	25	23.14	21	6.35	8.3
	23	HFW23S-6ST__LF	26	24.14	22	7.35	7.3
	24	HFW24S-6ST__LF	27	25.14	23	7.35	8.3
	25	HFW25S-6ST__LF	28	26.14	24	8.35	7.3
	26	HFW26S-6ST__LF	29	27.14	25	8.35	8.3
	27	HFW27S-6ST__LF	30	28.14	26	9.35	7.3
	28	HFW28S-6ST__LF	31	29.14	27	9.35	8.3
	29	HFW29S-6ST__LF	32	30.14	28	10.35	7.3
	30	HFW30S-6ST__LF	33	31.14	29	10.35	8.3
*	31	HFW31S-6ST__LF	34	32.14	30	11.35	7.3
	32	HFW32S-6ST__LF	35	33.14	31	11.35	8.3
*	33	HFW33S-6ST__LF	36	34.14	32	12.35	7.3

CAT. NO.

HFW (n) S – 6 ST ___ LF

- HFW — SERIES
- (n) — NO. OF CONTACTS
- S — STRAIGHT TYPE
- 6 — FOR CIC
- ST — FOR AUTOMATIC MOUNTING (SMT)
- ___ — PACKAGE STYLE
- LF — LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE CIC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~E.
3. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

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ltr	ecn no	dr	date
A	J05-0334	H.T	6/3/'05
B	J06-0435	H.T	10/26/'06

mat'l. code

surface 58 ISO 1302 ✓ | tolerance ISO 406 ISO 1101

tolerances unless otherwise specified: angles | linear

projection | mm | scale X

dr	H. Takahashi	10/26/'06
engr	H. Takahashi	10/26/'06
chr	R. Shouji	10/26/'06
appd	S. Maeda	10/27/'06

product family 580F | CODE JP

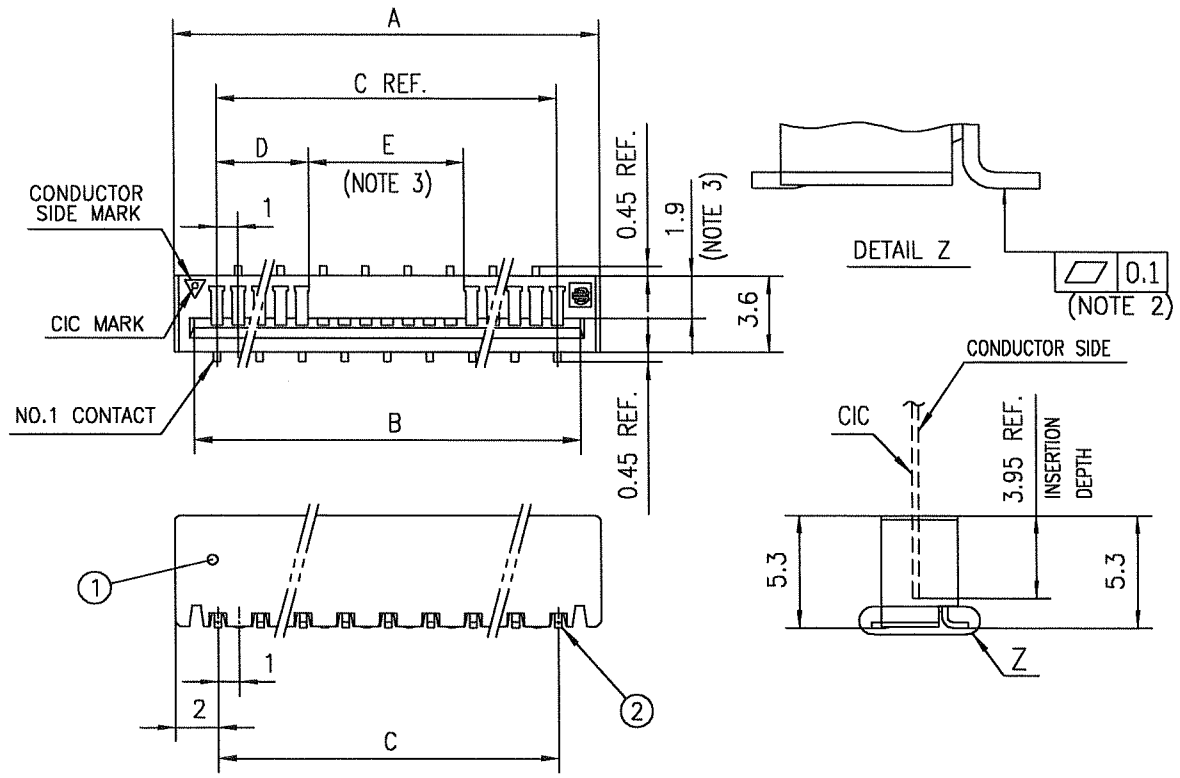
title: CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (CAT.No.HFW__S-6ST__LF)

dwg no JSA 96468 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	sheet	B	1

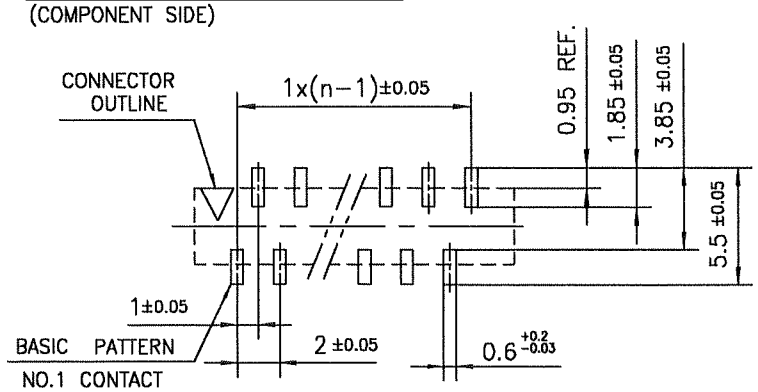
Rev. B



PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	CONTACT	PHOSPHOR BRONZE	n	Ni UNDER Sn PLATING (LEAD FREE)

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DSIGNED TO TERMINATE CIC 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.

ltr	ecn no	dr	date
A	J05-0334	H.T	6/3/'05
B	J05-0731	H.T	10/28/'05
C	J06-0435	H.T	10/26/'06

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	H. Takahashi	10/26/'06
engr	H. Takahashi	10/26/'06
chr	K. Shouji	10/26/'06
appd	S. Murakami	10/27/'06

product family 580F

CODE JP

title: 1mm SPACING SURFACE MOUNT CIC CONNECTOR (CAT.No.HFW__S-6ST__LF)

dwg no JSA 96469

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision sheet	C 1

Rev. C

SC-HFWS04 JSA96468
form: A4

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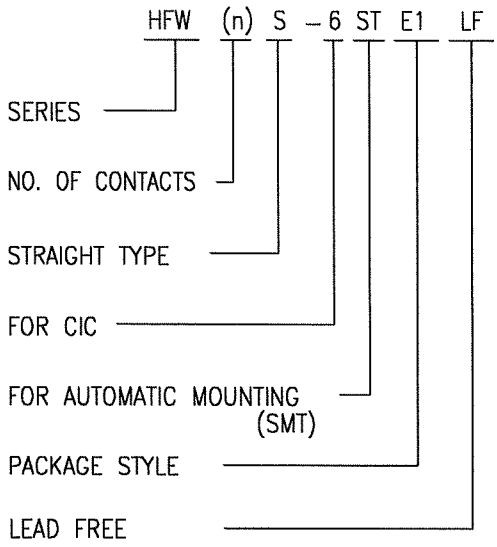
CAT. NO. & DIMENSIONS

(NOTE4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			F ± 5	G ±0.3	H ±0.1
	4	HFW4S-6STE1LF	28.4	24	—
	5	HFW5S-6STE1LF	28.4	24	—
	6	HFW6S-6STE1LF	28.4	24	—
	7	HFW7S-6STE1LF	28.4	24	—
	8	HFW8S-6STE1LF	28.4	24	—
	9	HFW9S-6STE1LF	28.4	24	—
	10	HFW10S-6STE1LF	28.4	24	—
	11	HFW11S-6STE1LF	28.4	24	—
	12	HFW12S-6STE1LF	28.4	24	—
	13	HFW13S-6STE1LF	28.4	24	—
	14	HFW14S-6STE1LF	36.4	32	28.4
	15	HFW15S-6STE1LF	36.4	32	28.4
	16	HFW16S-6STE1LF	36.4	32	28.4
	17	HFW17S-6STE1LF	36.4	32	28.4
	18	HFW18S-6STE1LF	48.4	44	40.4
	19	HFW19S-6STE1LF	48.4	44	40.4
	20	HFW20S-6STE1LF	48.4	44	40.4
	21	HFW21S-6STE1LF	48.4	44	40.4
	22	HFW22S-6STE1LF	48.4	44	40.4
	23	HFW23S-6STE1LF	48.4	44	40.4
	24	HFW24S-6STE1LF	48.4	44	40.4
	25	HFW25S-6STE1LF	48.4	44	40.4
	26	HFW26S-6STE1LF	48.4	44	40.4
	27	HFW27S-6STE1LF	48.4	44	40.4
	28	HFW28S-6STE1LF	48.4	44	40.4
	29	HFW29S-6STE1LF	60.4	56	52.4
	30	HFW30S-6STE1LF	60.4	56	52.4
*	31	HFW31S-6STE1LF	60.4	56	52.4
	32	HFW32S-6STE1LF	60.4	56	52.4
*	33	HFW33S-6STE1LF	60.4	56	52.4

CAT. NO.



NOTES

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

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ltr	ecn no	dr	date
A	J05-0334	H.T	6/3/'05
B	J06-0435	H.T	10/26/'06

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified: angles; linear

projection

mm

scale X

dr	H. Takahashi	10/26/'06
engr	H. Takahashi	10/26/'06
chr	K. Shoji	10/26/'06
appd	S. Ondera	10/27/'06

product family 580F

CODE JP

title: CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN. (CAT.No. HFW__S-6STE1LF)

dwg no JSA 96470

sheet 1 of 1

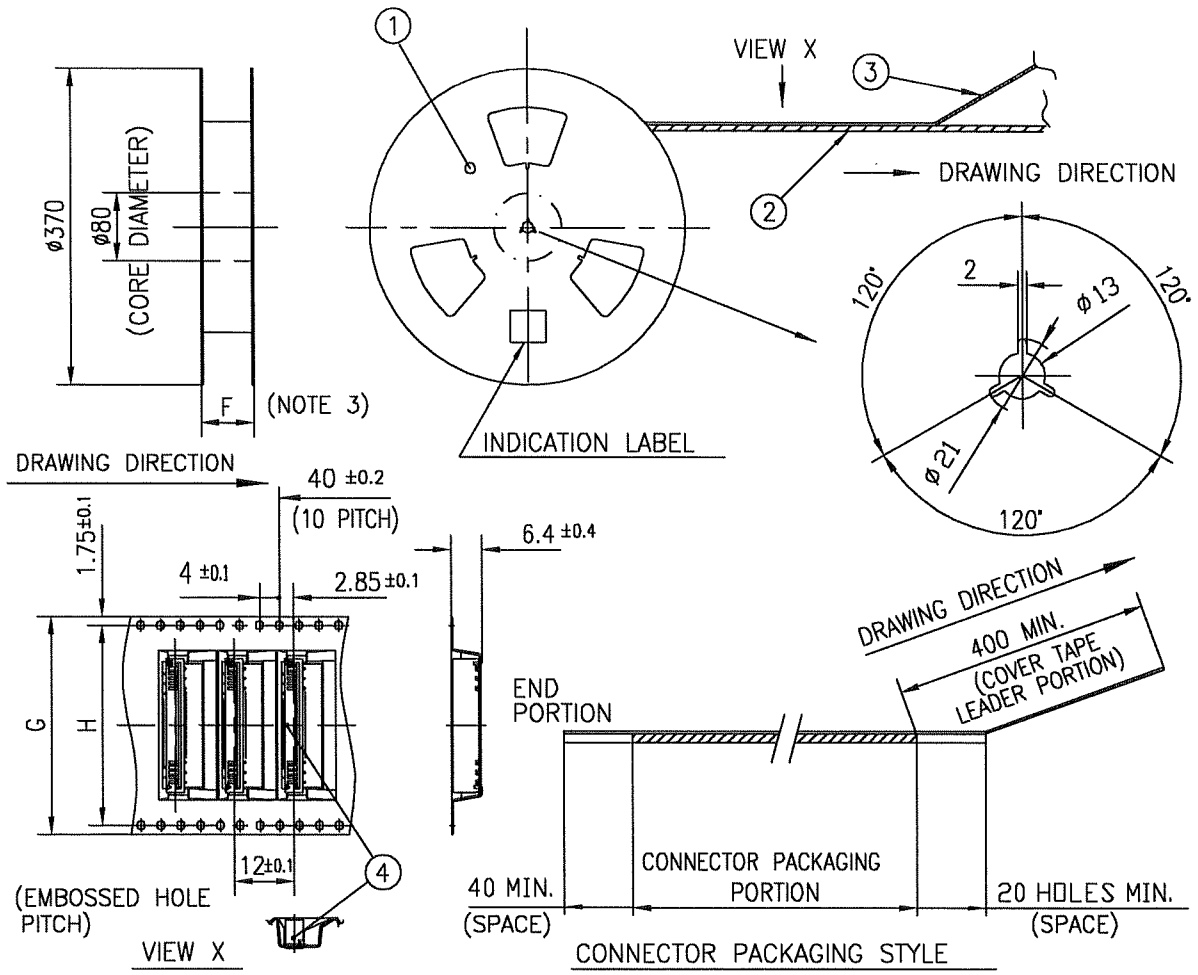
size A4

type Product Customer Drawing

sheet index	revision sheet	B 1

Rev. B

SC-HFW__S 04 JSA96468 96471
form: A4



PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR:GRAY
2	PLASTIC (EMBOSSED) TAPE	———	PET	——	COLOR:TRANSPARENCY
3	COVER	———	POLYESTER	——	COLOR:TRANSPARENCY
4	CONNECTOR	HFW__S-6ST__LF	SEE ATTACHED DWG.	1000	———

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

ltr	ecn no	dr	date
A	J05-0334	H.T	6/3/'05
B	J06-0435	H.T	10/26/'06

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

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

projection

mm

scale X

dr		10/26/06
engr		10/26/06
chr	K. Shouji	10/26/06
appd	S. Okudaira	10/27/06

product family 580F

CODE JP

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

dwg no JSA 96471

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision	sheet
	B	1

Rev. B

SC-HFWS 04 JSA96468 96470
form: A4

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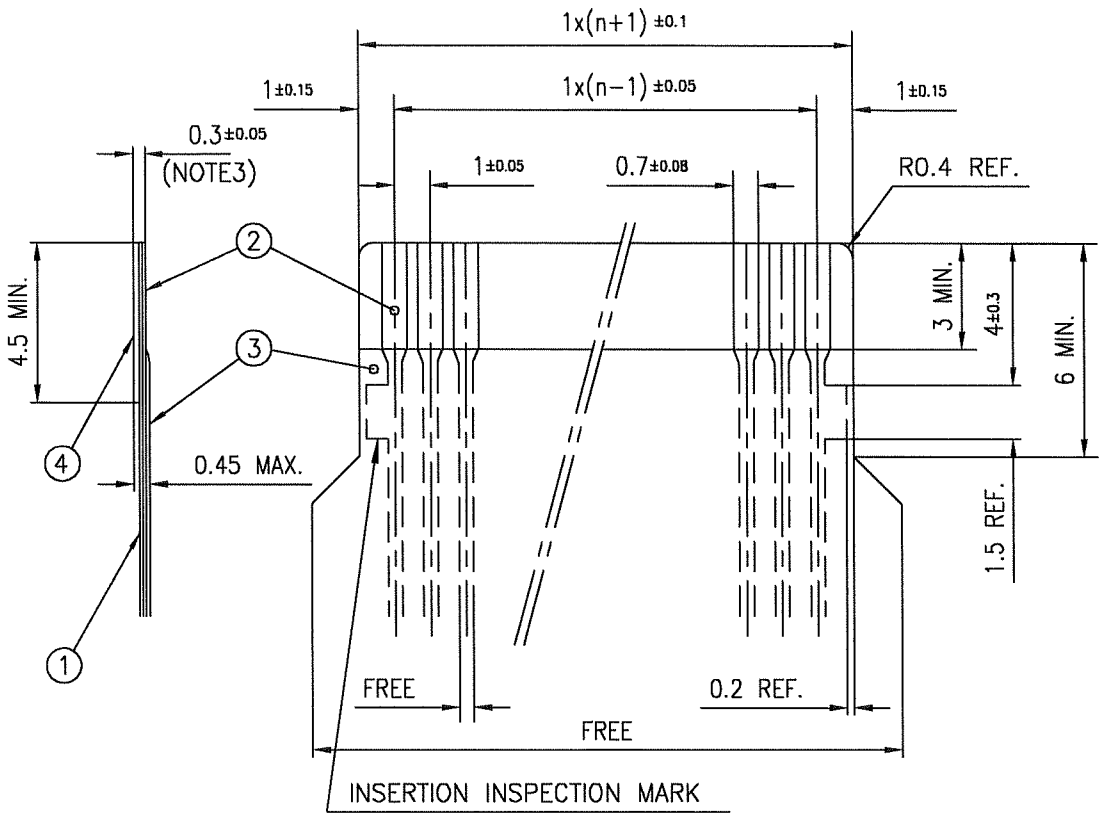
RECOMMENDED CABLE (CIC)

n : NO. OF CONDUCTOR



PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)	
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
AA	J04-0334	H.T	Oct.13,'04
AB	J06-0435	H.T	10/26/'06

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified: angles; linear

projection

mm

scale X

dr	H.Takahashi	10/26/06
engr	H.Takahashi	10/26/06
chr	R. Shoji	10/26/06
appd	S. Nakano	10/27/06

product family 580F

CODE JP

title: RECOMMENDED CABLE (CAT.No.HFW__S-6ST__)

dwg no JSA 93944

sheet 1 of 1

size A4

type Product Customer Drawing

sheet index	revision sheet	AB 1

Rev. AB

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form: A4

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Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

Данный компонент на территории Российской Федерации

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http://moschip.ru/get-element

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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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