List of "HFW__R-1/2STBE1LF" customer document

DOCUMENT NO.	LIST
SC-HFWR03	SPEC.
JSA96783	CAT NO.TABLE FOR 1mm SPACING SMT CONNECTOR (HFW__R-1/2STB__LF)
JSA96784	1mm SPACING SURFACE MOUNT FPC CONNECCTOR (HFW__R-1STB_LF)
JSA96785	1mm SPACING SURFACE MOUNT FPC CONNECCTOR (HFW__R-2STB_LF)
JSA96786	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN.(HFW__R-1/2STBE1LF)
JSA96787	1mm SPACING SMT CONNECTOR (HFW__R-1STBE1LF)
JSA96788	1mm SPACING SMT CONNECTOR (HFW__R-2STBE1LF)
JSA96789	RECOMMENDED CABLE (FPC) (HFW__R-1/2STB)
BJM-HFWR101	HANDLING PROCEDURES

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ltr	ecn no	dr	date
A	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'06
C	J07-0161	H.T	3/15/'07

mat'l. code

surface ISO 1302 58 / tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles | linear

projection

mm

scale X

dr	H. Takahashi	3/15/'07
engr	H. Takahashi	3/15/'07
chr	K. Shouji	3/19/'07
appd	S. Andersen	3/19/'07

product family 58NF | CODE JP

title: 1mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : HFW__R-1/2STBE1LF)

dwg no JSA 96782 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	C
	sheet	1

Rev. C

form: A4

CAT. NO. & DIMENSIONS

(NOTE3)	NO. OF CONTACTS (n)	CAT. NO.	DIMENSIONS (NOTE2)		
			A ± 0.2	B ± 0.2	C ± 0.1
	4	HFW4R-1/2STB__LF	6.6	3	5.14
	5	HFW5R-1/2STB__LF	7.6	4	6.14
	6	HFW6R-1/2STB__LF	8.6	5	7.14
	7	HFW7R-1/2STB__LF	9.6	6	8.14
	8	HFW8R-1/2STB__LF	10.6	7	9.14
	9	HFW9R-1/2STB__LF	11.6	8	10.14
	10	HFW10R-1/2STB__LF	12.6	9	11.14
	11	HFW11R-1/2STB__LF	13.6	10	12.14
	12	HFW12R-1/2STB__LF	14.6	11	13.14
	13	HFW13R-1/2STB__LF	15.6	12	14.14
	14	HFW14R-1/2STB__LF	16.6	13	15.14
	15	HFW15R-1/2STB__LF	17.6	14	16.14
	16	HFW16R-1/2STB__LF	18.6	15	17.14
	17	HFW17R-1/2STB__LF	19.6	16	18.14
	18	HFW18R-1/2STB__LF	20.6	17	19.14
	19	HFW19R-1/2STB__LF	21.6	18	20.14
	20	HFW20R-1/2STB__LF	22.6	19	21.14
	21	HFW21R-1/2STB__LF	23.6	20	22.14
	22	HFW22R-1/2STB__LF	24.6	21	23.14
	23	HFW23R-1/2STB__LF	25.6	22	24.14
	24	HFW24R-1/2STB__LF	26.6	23	25.14
	25	HFW25R-1/2STB__LF	27.6	24	26.14
	26	HFW26R-1/2STB__LF	28.6	25	27.14
	27	HFW27R-1/2STB__LF	29.6	26	28.14
*	28	HFW28R-1/2STB__LF	30.6	27	29.14
*	29	HFW29R-1/2STB__LF	31.6	28	30.14
	30	HFW30R-1/2STB__LF	32.6	29	31.14

CAT. NO. HFW (n) R – 1 ST B __ LF

- HFW: SERIES
- (n): NO. OF CONTACTS
- R: RIGHT ANGLE TYPE
- 1: FOR FPC/FFC, CONTACT DIRECTION
  1. LOWER CONTACT TYPE
  2. UPPER CONTACT TYPE
- ST: FOR AUTOMATIC MOUNTING (SMT)
- B: GOLD PLATING
- __: PACKAGE STYLE
- LF: LEAD FREE

NOTES

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

ltr	ecn no	dr	date
A	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'06

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

dr		10/4/06
engr		10/4/06
chr		10/12/06
appd	S.Mitsuhara	10/12/06

product family 58NF | CODE JP

title: CAT NO.TABLE FOR 1mm SPACING SMT CONNECTOR (Cat.No. HFW__R-1/2STB__LF)

dwg no JSA 96783 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	B
	sheet	1

Rev. B

SC-HFWR 03 JSA96784 96785 96786 96788 96789
form: A4

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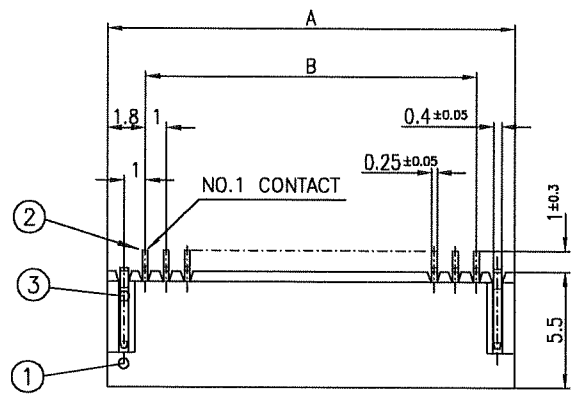
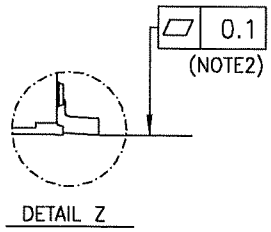
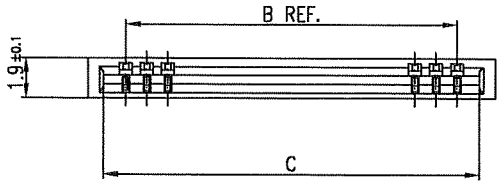
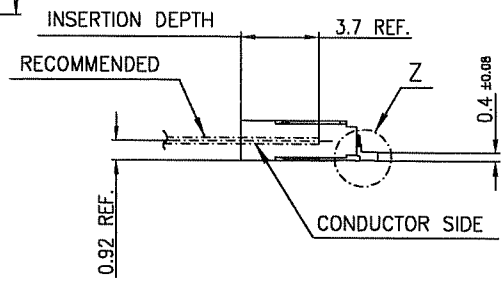




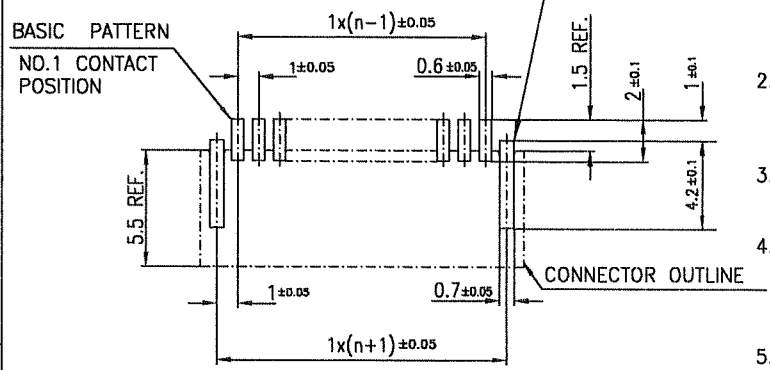




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	CONTACT	PHOSPHOR BRONZE	n	CONTACT POINT:GOLD TERMINAL POINT:TIN
3	MOUNTING PLATE		2	TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL FOR 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

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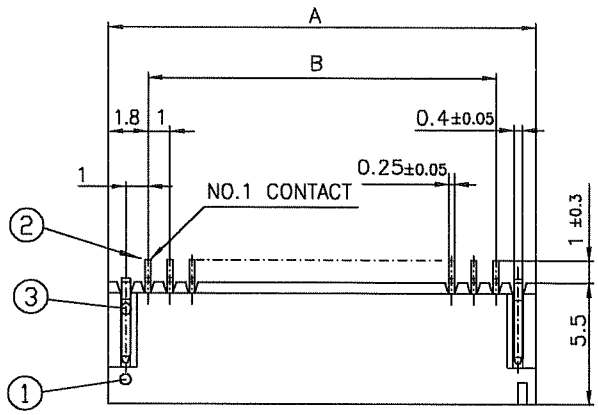
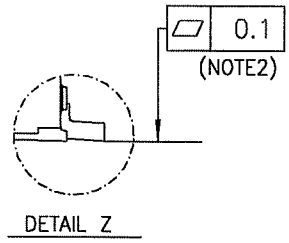
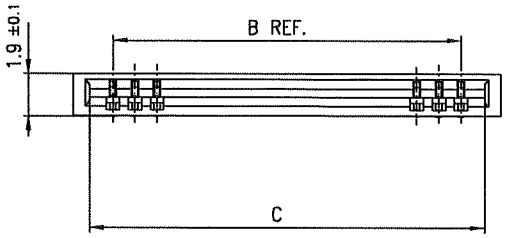
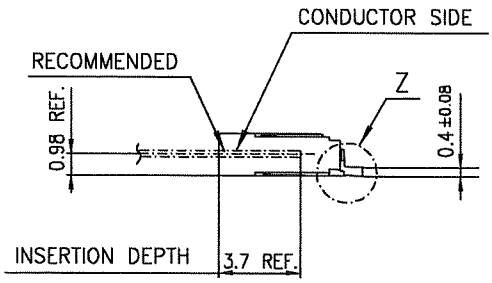
mat'l. code				surface ISO 1302 58	tolerance ISO 406 ISO 1101	projection	product family 58NF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	
A	J05-0653	H.T	10/12/'05	angles	linear ±0.2	mm	1mm SPACING SURFACE MOUNT FPC CONNECTOR (Cat.No. HFW__R-1STB__LF)	
B	J06-0413	H.T	10/4/'06			scale X		
				dr	10/4/06	FCI	dwg no JSA 96784	sheet 1 of 1 size A4
				engr	10/4/06			
				chr	10/12/06		type Product Customer Drawing	
				appd	10/12/06			
sheet index	revision sheet	B 1						Rev. B

SC-HFWR 03 JSA96783
form: A4





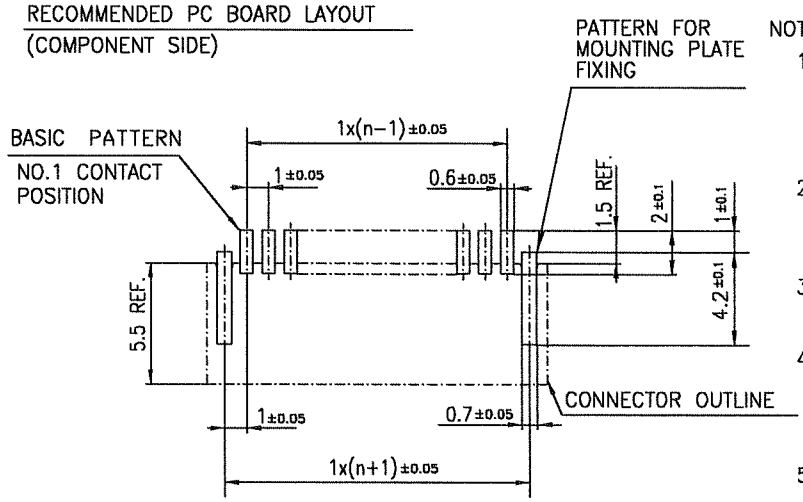




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	CONTACT	PHOSPHOR BRONZE	n	CONTACT POINT:GOLD TERMINAL POINT:TIN
3	MOUNTING PLATE		2	TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS OF CONTACT TERMINAL FOR 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 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	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'06

mat'l. code

surface 58 ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified
angles ±0.2
linear

projection

mm

scale X

dr		10/4/06
engr		10/4/06
chr		10/12/06
appd		10/12/06

product family 58NF CODE JP

title
1mm SPACING SURFACE MOUNT FPC CONNECTOR
(Cat.No. HFW__R-2STB__LF)

dwg no JSA 96785 sheet 1 of 1 size A4

type Product Customer Drawing

sheet index	revision sheet	B 1

Rev. B

SC-HFWR 03 JSA96783
form: A4

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CAT. NO. & DIMENSIONS

(NOTE4)	NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
			E ± 5	F ± 0.3	G ± 0.1
	4	HFW4R-1/2STBE1LF	28.4	24	—
	5	HFW5R-1/2STBE1LF	28.4	24	—
	6	HFW6R-1/2STBE1LF	28.4	24	—
	7	HFW7R-1/2STBE1LF	28.4	24	—
	8	HFW8R-1/2STBE1LF	28.4	24	—
	9	HFW9R-1/2STBE1LF	28.4	24	—
	10	HFW10R-1/2STBE1LF	28.4	24	—
	11	HFW11R-1/2STBE1LF	28.4	24	—
	12	HFW12R-1/2STBE1LF	28.4	24	—
	13	HFW13R-1/2STBE1LF	28.4	24	—
	14	HFW14R-1/2STBE1LF	28.4	24	—
	15	HFW15R-1/2STBE1LF	36.4	32	28.4
	16	HFW16R-1/2STBE1LF	36.4	32	28.4
	17	HFW17R-1/2STBE1LF	36.4	32	28.4
	18	HFW18R-1/2STBE1LF	36.4	32	28.4
	19	HFW19R-1/2STBE1LF	48.4	44	40.4
	20	HFW20R-1/2STBE1LF	48.4	44	40.4
	21	HFW21R-1/2STBE1LF	48.4	44	40.4
	22	HFW22R-1/2STBE1LF	48.4	44	40.4
	23	HFW23R-1/2STBE1LF	48.4	44	40.4
	24	HFW24R-1/2STBE1LF	48.4	44	40.4
	25	HFW25R-1/2STBE1LF	48.4	44	40.4
	26	HFW26R-1/2STBE1LF	48.4	44	40.4
	27	HFW27R-1/2STBE1LF	48.4	44	40.4
*	28	HFW28R-1/2STBE1LF	48.4	44	40.4
*	29	HFW29R-1/2STBE1LF	48.4	44	40.4
	30	HFW30R-1/2STBE1LF	60.4	56	52.4

CAT. NO. HFW (n) R – 1 ST B E1 LF

- SERIES
- NO. OF CONTACTS
- RIGHT ANGLE TYPE
- FOR FPC/FFC, CONTACT DIRECTION
  1. LOWER CONTACT TYPE
  2. UPPER CONTACT TYPE
- FOR AUTOMATIC MOUNTING (SMT)
- GOLD PLATING
- TAPE PACKAGING
- LEAD FREE

NOTES

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

ltr	ecn no	dr	date
A	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'06

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

dr	[signature]	10/4/06
engr	[signature]	10/4/06
chr	[signature]	10/12/06
appd	S. Audeau	10/12/06

product family 58NF | CODE JP

title: CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN (Cat.No. HFW__R-1/2STBE1LF)

dwg no JSA 96786 | sheet 1 of 1 | size A4

type Product Customer Drawing

sheet index	revision	B
	sheet	1

Rev. B

SC-HFWRD3 JSA96783 form: A4

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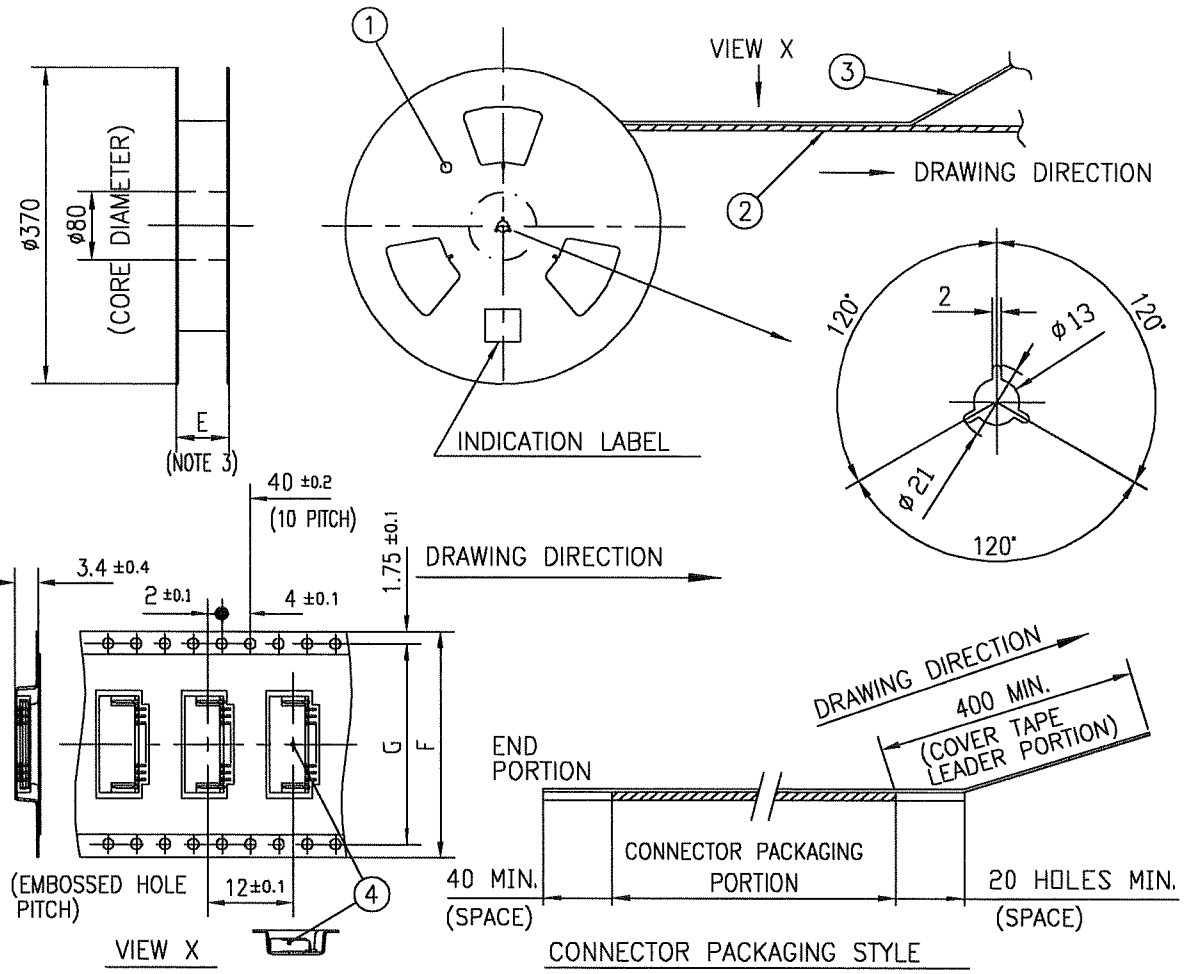

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSSED) TAPE	———	PET	——	COLOR:TRANSPARENCY
3	COVER	———	POLYESTER	——	COLOR:TRANSPARENCY
4	CONNECTOR	HFW__R-1STB__LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC 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. E DIMENSION IS PORTION OF THE CORE.

ltr	ecn no	dr	date
A	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'05

mat'l. code

surface ISO 1302 58

tolerance ISO 406 ISO 1101

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

projection

mm

scale X

dr engr chr appd

product family 58NF — CODE JP

title: 1mm SPACING SMT CONNECTOR (Cat.No. HFW__R-1STBE1LF)

dwg no JSA 96787 — sheet 1 of 1 — size A4

type Product Customer Drawing

sheet index	revision sheet	B 1

Rev. B

SC-HFWR 03 JSA96783
form: A4

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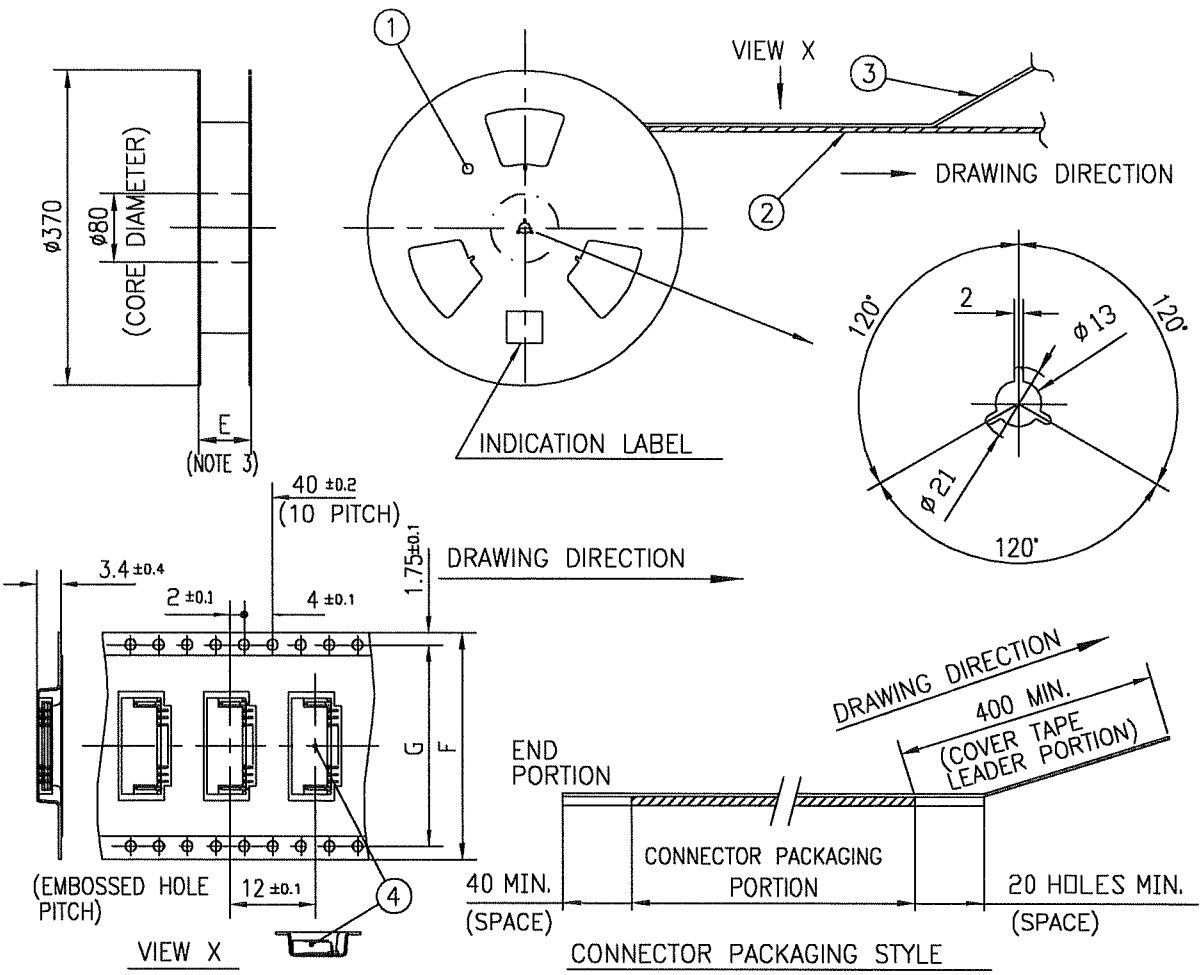

PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSSED) TAPE	———	PET	——	COLOR:TRANSPARENCY
3	COVER	———	POLYESTER	——	COLOR:TRANSPARENCY
4	CONNECTOR	HFW__R-2STB__-LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC 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. E DIMENSION IS PORTION OF THE CORE.

ltr	ecn no	dr	date
A	J05-0653	H.T	10/12/'05
B	J06-0413	H.T	10/4/'06

mat'l. code

surface ISO 1302 58

tolerance ISO 406 ISO 1101

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

projection

mm

scale X

dr		10/12/06
engr		10/12/06
chr		10/12/06
appd		10/12/06

product family 58NF — CODE JP

title: 1mm SPACING SMT CONNECTOR (Cat.No. HFW__R-2STBE1LF)

dwg no JSA 96788 — sheet 1 of 1 — size A4

type Product Customer Drawing

sheet index	revision sheet	B 1

Rev. B

SC-HFWR 03 JSA96783
form: A4

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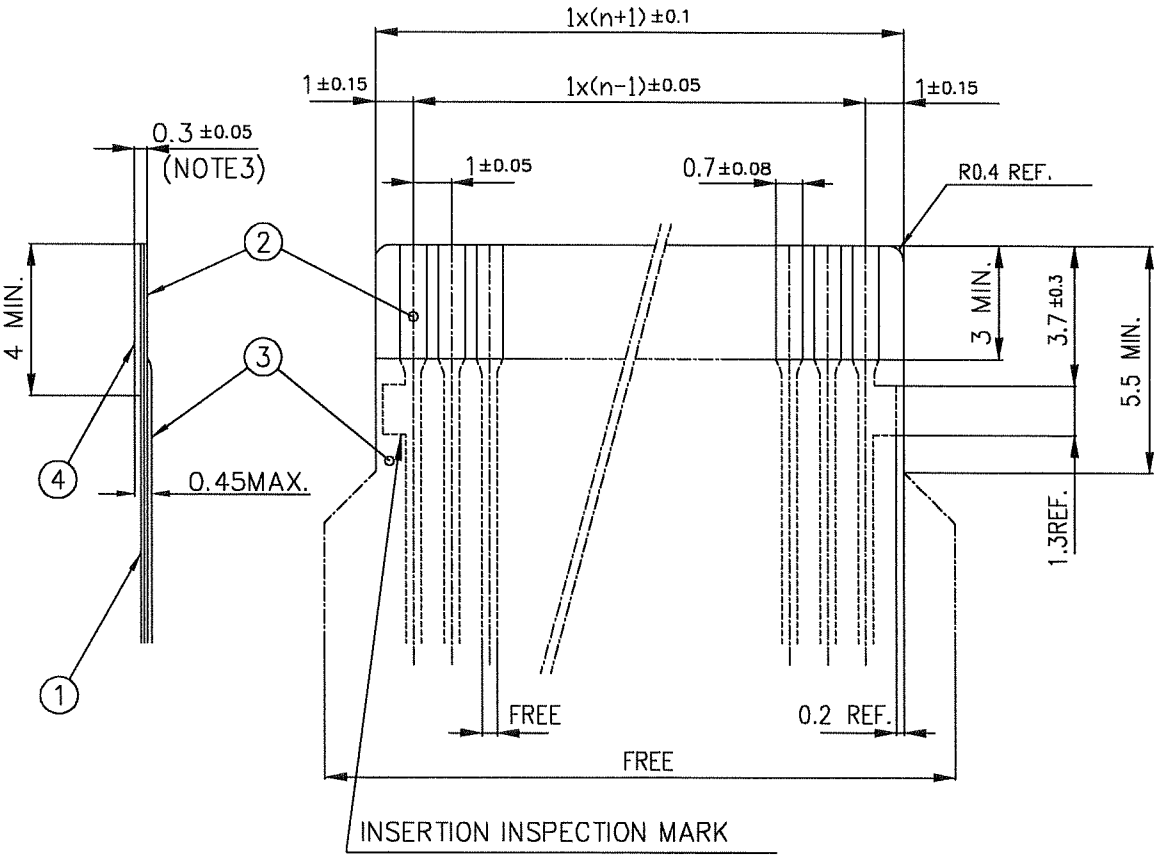
PDM: Rev:B STATUS:Released Printed: Feb 18, 2008

RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTORS



PT. NO.	DESCRIPTION	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL(PLATING : GOLD)	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.

| | | |

Общество с ограниченной ответственностью «МосЧип» ИНН 7719860671 / КПП 771901001
Адрес: 105318, г.Москва, ул.Щербаковская д.3, офис 1107

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http://moschip.ru/get-element

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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.

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