



FCIconnect.com

Copyright FCI.

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

mat'l. code				surface ⁵⁸ / tolerance		projection		product family 58NF		CODE JP	
				ISO 1302 ☒ ISO 406				title 1mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : HFW__R-1/2STBE1LF)			
				ISO 1101		mm					
ltr		ecn no		dr		date		tolerances unless otherwise specified		scale $\times$	
A		J05-0653		H.T		10/12/'05		angles		linear	
B		J06-0413		H.T		10/4/'06					
C		J07-0161		H.T		3/15/'07					
				dr		3/15/07				dwg no sheet 1 of 1 size	
				enrg		3/15/07				JSA 96782 A4	
				chr		3/19/07					
				appd		3/19/07					
sheet index		revision sheet		C 1						type Product Customer Drawing	
										Rev c	

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

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

PACKAGE STYLE

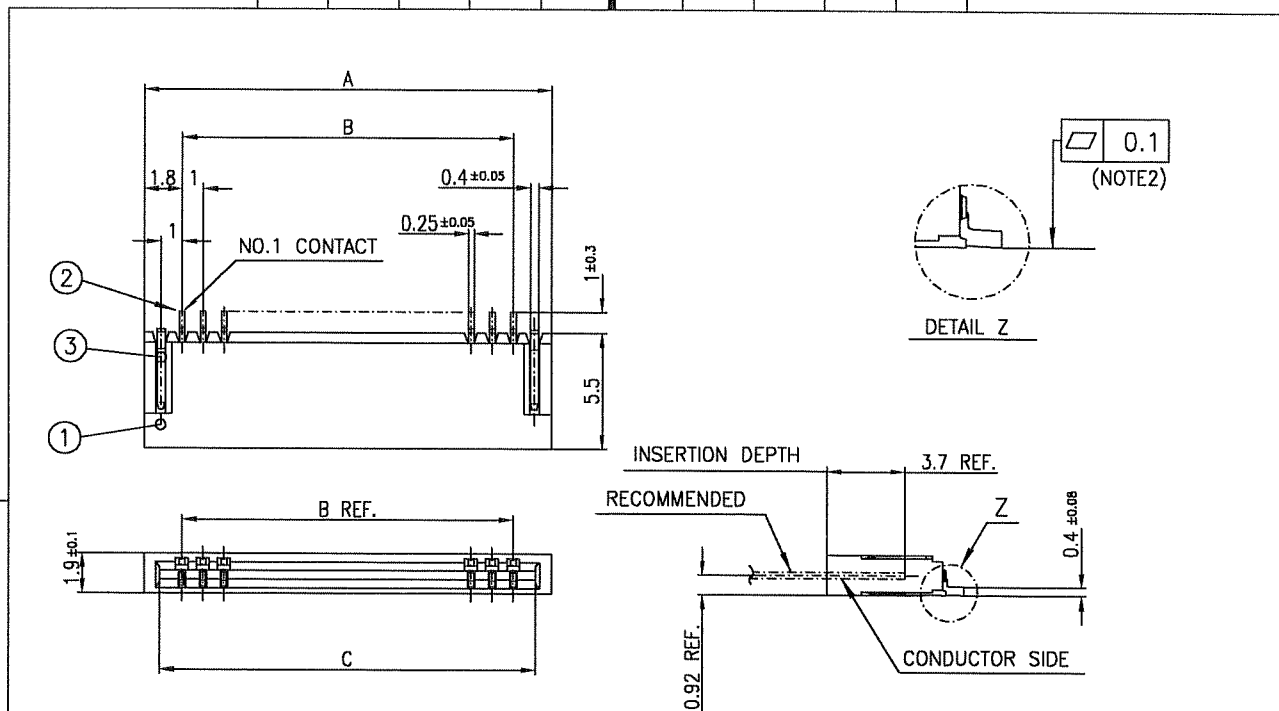
LEAD FREE

NOTES

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

mat'l. code				surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101		projection		product family 58NF		CODE JP	
ltr	ecn no	dr	date	tolerances, unless otherwise specified		mm		title			
A	J05-0653	H.T	10/12/'05	angles	linear	mm		CAT NO.TABLE FOR 1mm SPACING SMT CONNECTOR (Cat.No. HFW__R-1/2STB__LF)			
B	J06-0413	H.T	10/4/'06			scale X		dwg no sheet 1 of 1 size			
				dr	10/4/06	FCJ		JSA 96783 A4			
				engr	10/4/06			type Product Customer Drawing			
				chr	10/12/06						
				appd	10/12/06						
sheet index	revision	B	1								

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

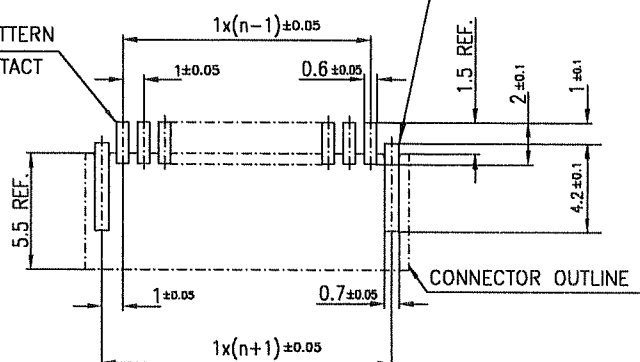


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	CONTACT	PHOSPHOR BRONZE	n	CONTACT POINT:GOLD TERMINAL POINT:TIN
3	MOUNTING PLATE		2	TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN NO.1 CONTACT POSITION

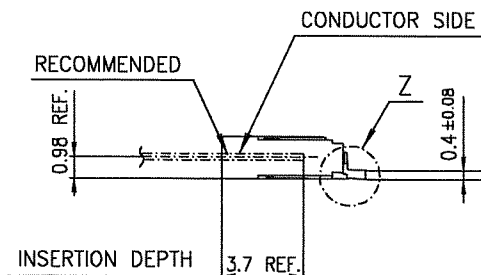
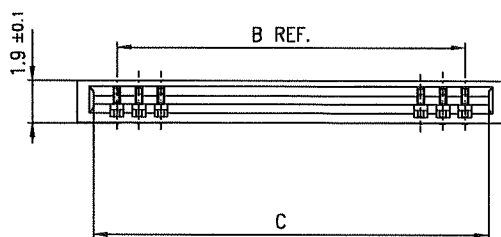
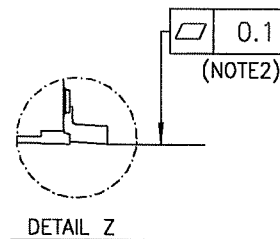
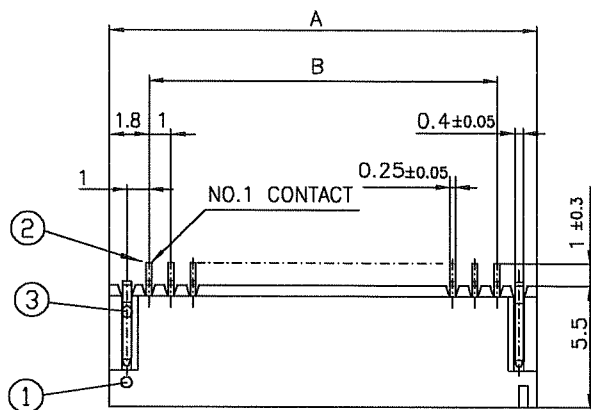


NOTES

1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPS 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

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

SC-HFWR 03 JSA96783
form: A4



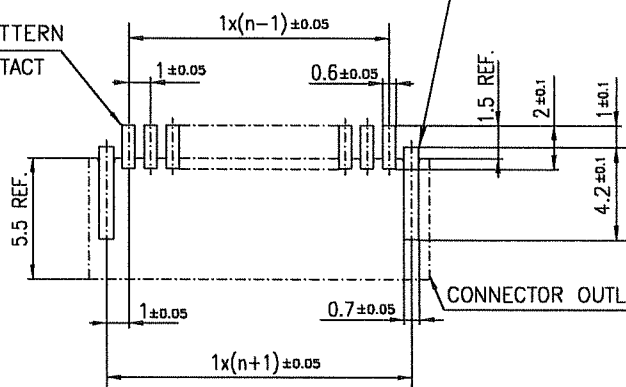
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PA6T RESIN GLASS REINFORCED (UL94V-0)	1	COLOR:BLACK
2	CONTACT	PHOSPHOR BRONZE	n	CONTACT POINT:GOLD TERMINAL POINT:TIN
3	MOUNTING PLATE		2	TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN

NO.1 CONTACT
POSITION



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

mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection		product family 58NF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J05-0653	H.T	10/12/'05	±0.2		mm		1mm SPACING SURFACE MOUNT FPC CONNECTOR			
B	J06-0413	H.T	10/4/'06	angles	linear	scale X		(Cat.No. HFW__R-2STB__LF)			
				dr	10/4/06			dwg no		sheet 1 of 1	
				enr	10/4/06			JSA 96785		size A4	
				chr	10/12/06						
				appd	10/12/06						
sheet index		revision B						type Product Customer Drawing		Rev. B	

SC-HFWR 03 JSA96783
form: A4

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

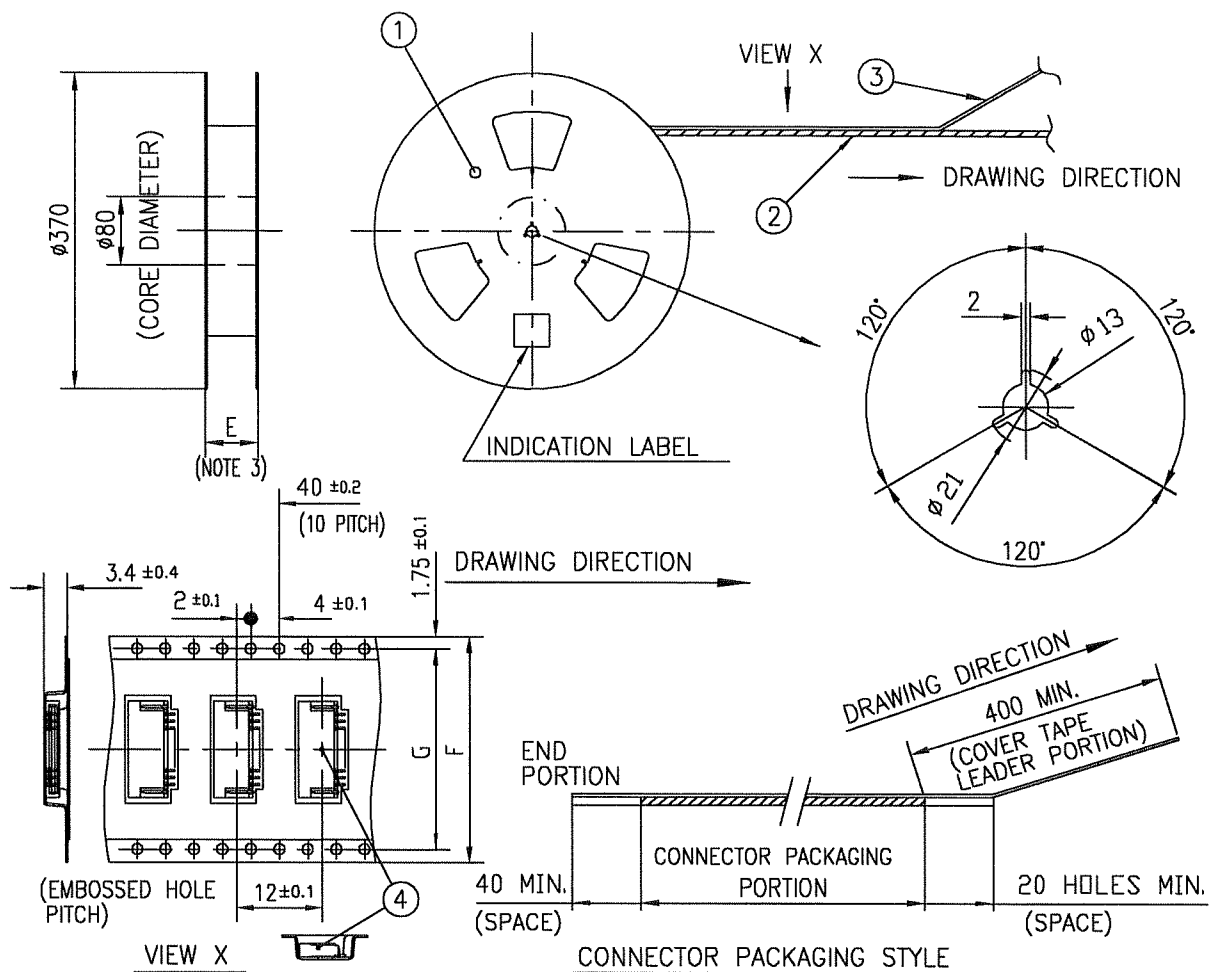
1. THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. PLEASE CONSULT US IN CASE OF USING PARTS WITH * MARK.

mat'l. code				surface 58/ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58NF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title			
A	J05-0653	H.T	10/12/'05	angles linear				mm		CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONN (Cat.No. HFW__R-1/2STBE1LF)			
B	J06-0413	H.T	10/4/'06					scale X					
				dr		10/4/06		FCJ		dwg no		sheet 1 of 1	
				enrg		10/4/06				JSA 96786		size A4	
				chr		10/12/06							
				appd		10/12/06							
sheet index		revision B		sheet 1								Rev. B	

SC-HFWRD3 JSA96783
form: A4

1

2



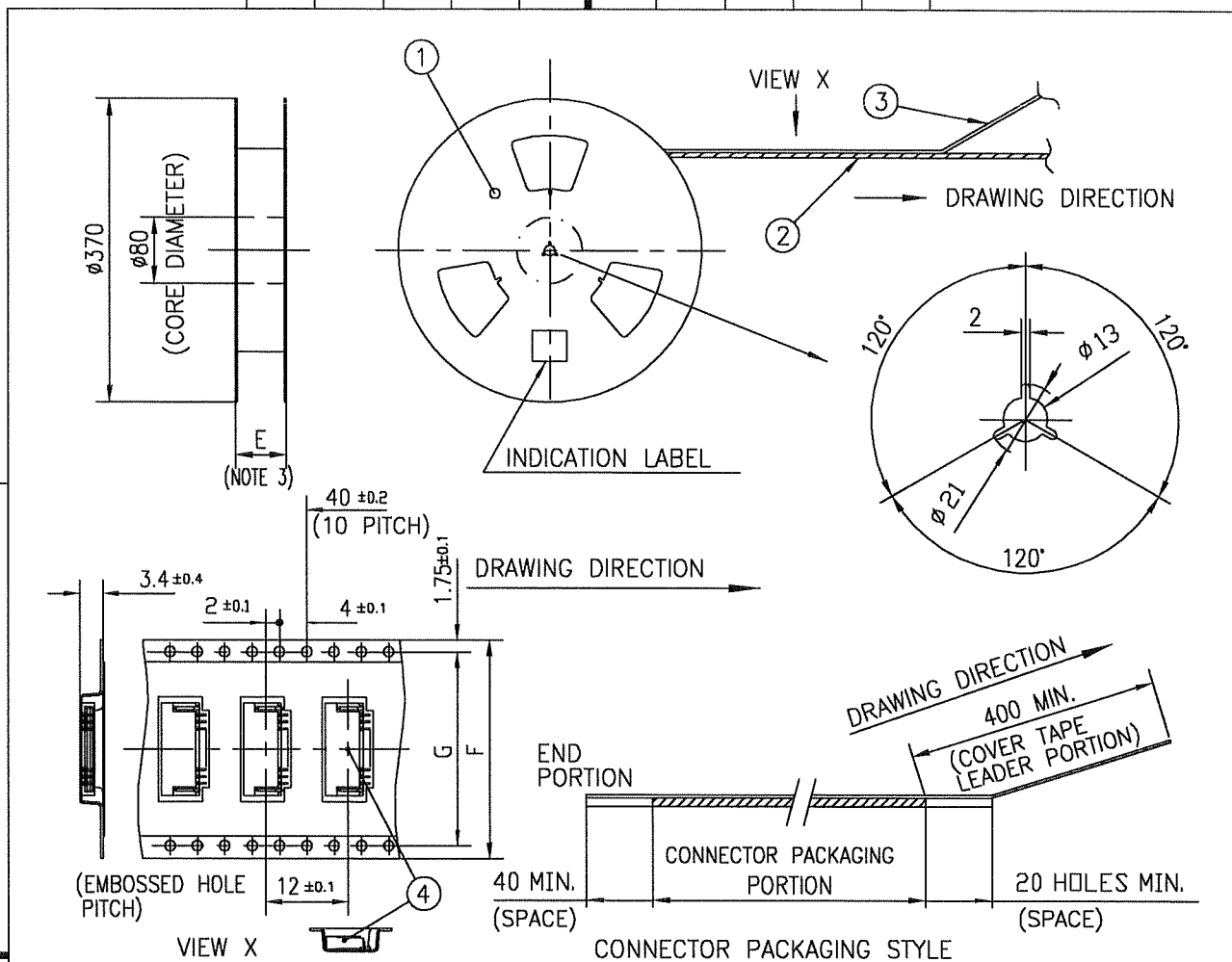
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	CARDBOARD	1	COLOR:WHITE
2	PLASTIC (EMBOSSED) TAPE	—	PET	—	COLOR:TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR:TRANSPARENCY
4	CONNECTOR	HFW__R-1STB__LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC AND COPES WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSED) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58	tolerance ISO 1302	ISO 406	ISO 1101	projection	product family	58NF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm	title		
A	J05-0653	H.T	10/12/'05	angles	linear	±5		mm	1mm SPACING SMT CONNECTOR		
B	J06-0413	H.T	10/4/'05	±5'				scale	(Cat.No. HFW__R-1STBE1LF)		
				dr	10/6/06				dwg no		sheet 1 of 1
				enr	10/4/06				JSA 96787		size A4
				chr	10/12/06				type Product Customer Drawing		
				appd	10/11/06						
sheet index	revision	B									Rev. B
	sheet	1									

SC-HFWR 03 JSA96783
form: A4



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

NOTES

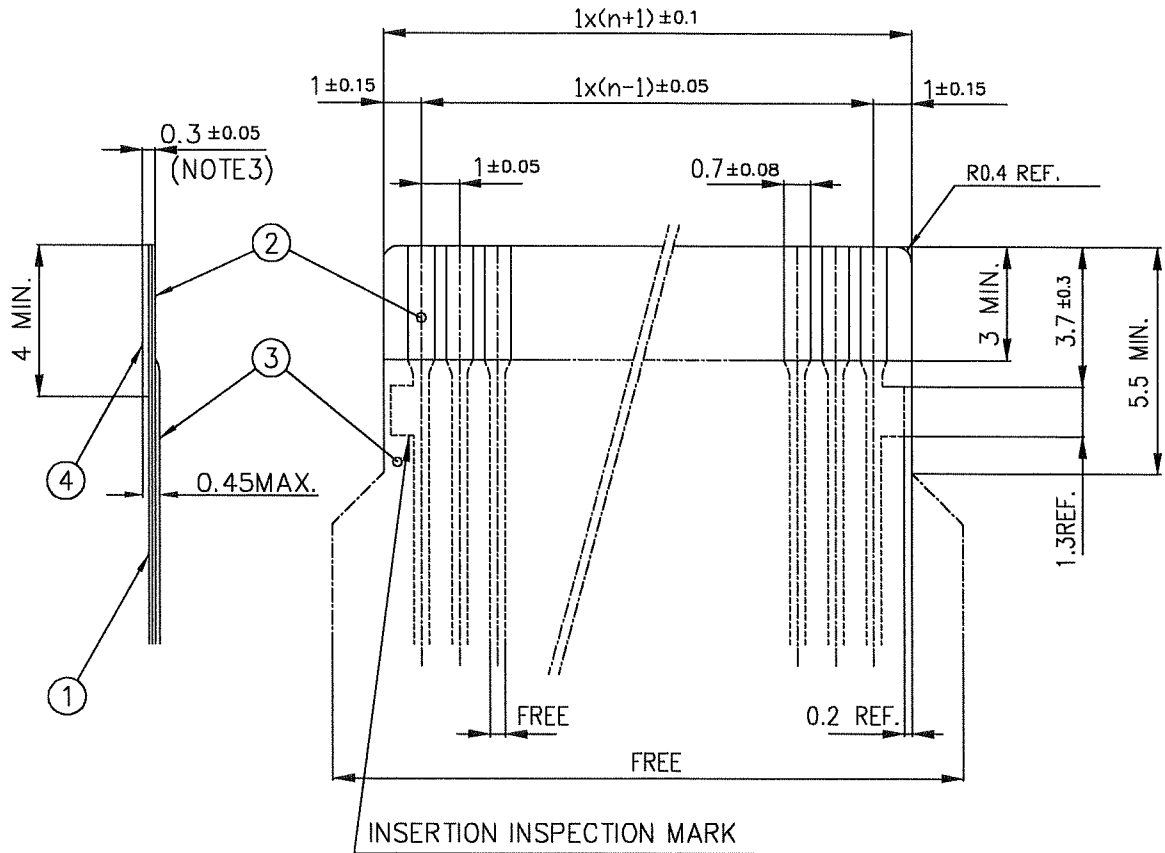
1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC AND CYPES WITH AUTOMATIC MOUNTING (SMT).
2. SEE JIS C 0806 (PACKING OF ELECTRONIC COMPONENTS ON CONTINUOUS TAPES (SURFACE MOUNTING DEVICES)) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSSED) TAPE AND REEL.
3. E DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface 58 / tolerance ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58NF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title			
A	J05-0653	H.T	10/12/05	angles linear				mm		1mm SPACING SMT CONNECTOR			
B	J06-0413	H.T	10/4/06	±5'				scale X		(Cat.No. HFW__R-2STBE1LF)			
				dr				10/12/06		dwg no			
				engr				10/12/06		sheet 1 of 1			
				chr				10/12/06		JSA 96788			
				appd				10/12/06		type Product Customer Drawing			
sheet index		revision B		sheet 1								Rev. B	

SC-HFWR 03 JSA96783
form: A4

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.

mat'l. code				surface 58 / tolerance ISO 1302 ✓ / ISO 406 / ISO 1101		projection		product family 58NF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
A	J05-0653	H.T	10/12/'05	angles linear		mm		RECOMMENDED CABLE			
B	J06-0078	H.T	3/1/'06					HFW__R-1/2STB__			
C	J06-0413	H.T	10/4/'06			scale X					
				dr		10/4/06		dwg no			
				enr		10/4/06		sheet 1 of 1			
				chr		10/12/06		JSA 96789			
				appd		10/12/06		size A4			
								type Product Customer Drawing			
sheet index		revision C								Rev. C	
		sheet 1									

form: A4

1

2

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9