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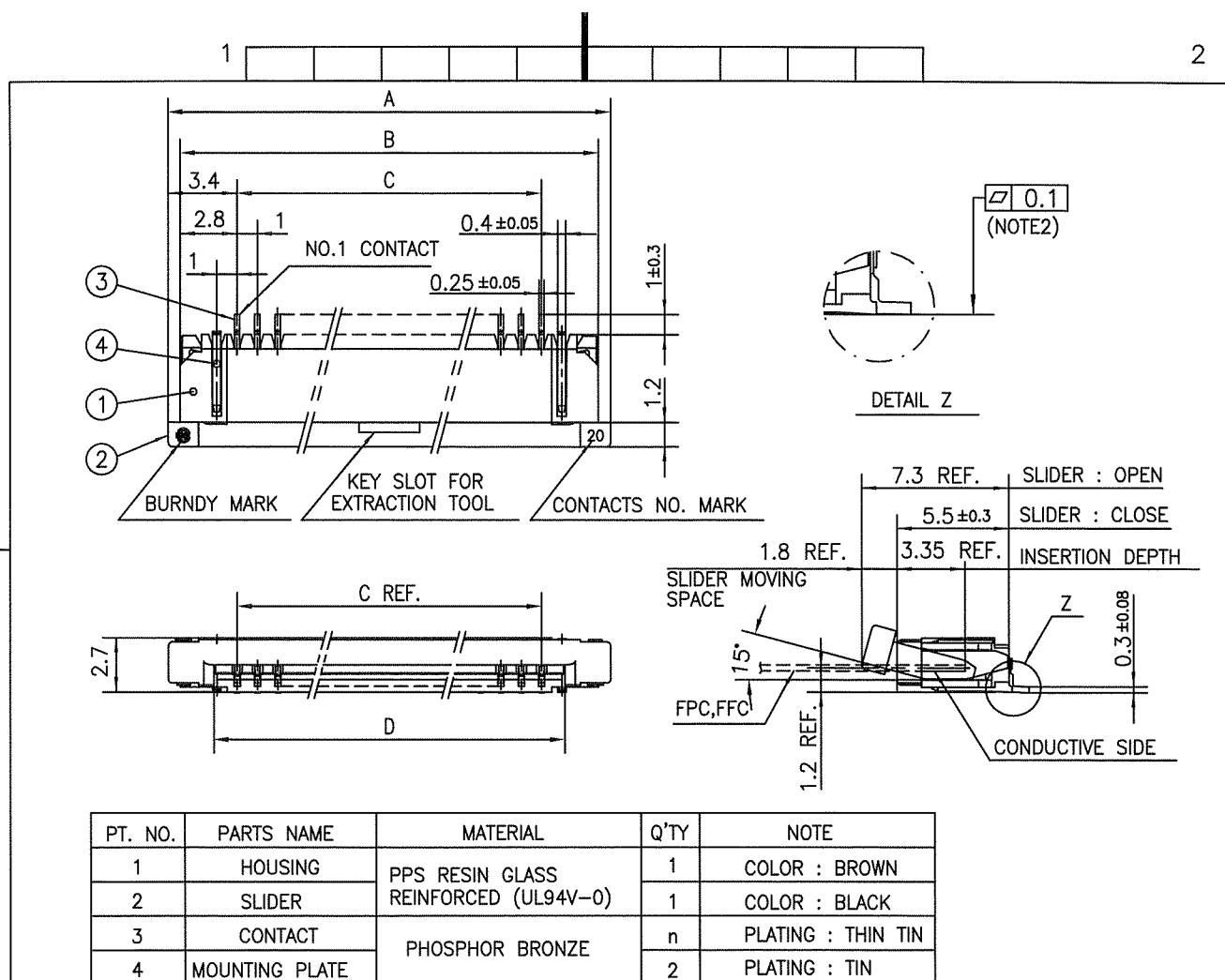
## List of "SFW\_R-1/2STZE1LF" customer document

DOCUMENT NO.		LIST	
SC-SFW10		SPEC.	
JSA97256		CAT.NO.TABLE FOR 1mm SPACING SMT CONNECTOR (SFW_R-1/2STZE1LF)	
JSA97257		1mm SPACING SMT CONNECTOR (SFW_R-1STZE1LF)	
JSA97258		1mm SPACING SMT CONNECTOR (SFW_R-2STZE1LF)	
JSA97259		CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-1/2STZE1LF)	
JSA97260		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-1STZE1LF)	
JSA97261		PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW_R-2STZE1LF)	
JSA91605		RECOMMENDED CABLE (FPC) (SFW_R-1/2STZE1LF)	
JSA91604		RECOMMENDED CABLE (FFC) (SFW_R-1/2STZE1LF)	

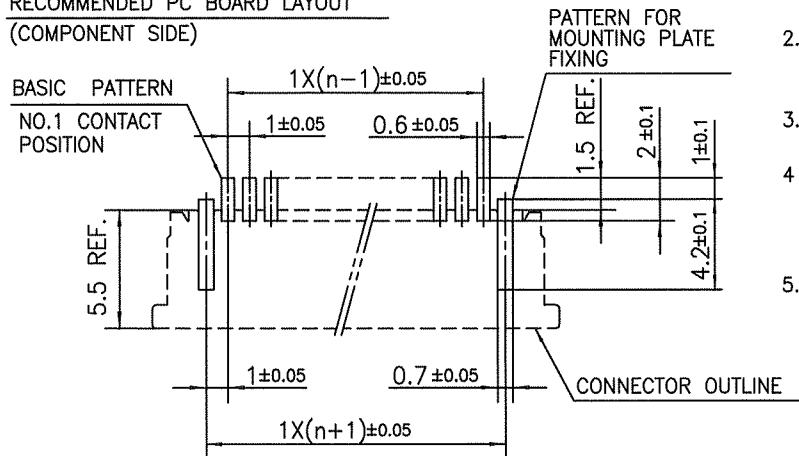
mat'l. code				surface	tolerance	projection	product family	58RF	CODE
Itr	ecn no	dr	date	ISO 1302	ISO 406	mm	JP		
A	J07-0086	H.T	2/5/07	✓	✓	mm	1mm SPACING FPC/FFC CONNECTOR DOCUMENT LIST (Cat. No. : SFW_R-1/2STZE1LF)		
				tolerances unless otherwise specified		scale			
				angles	linear	X			
				dr	✓	✓			
				engr	✓	✓			
				chr	✓	✓			
				appd	✓	✓			
sheet index		revision A							
sheet 1									







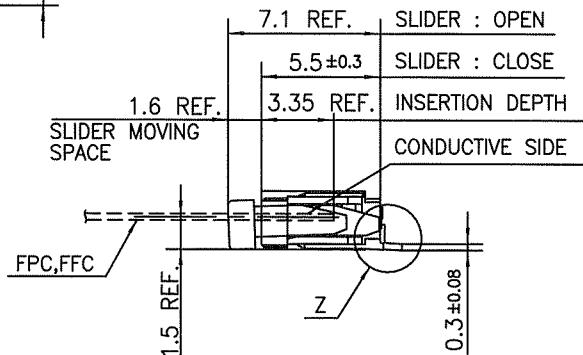
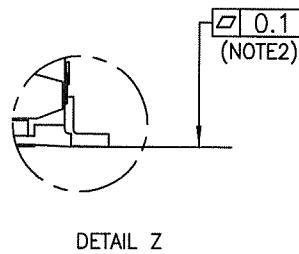
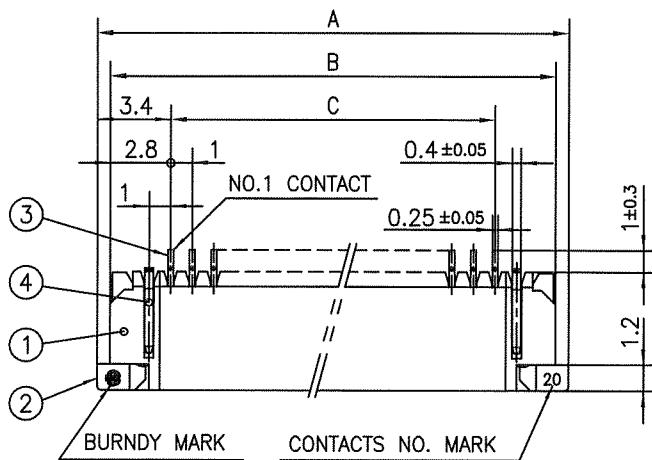
RECOMMENDED PC BOARD LAYOUT  
(COMPONENT SIDE)



NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES 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.

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family	58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			scale X	title	
A	J07-0086	H.T	2/5/07	angles	±0.2	mm		1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-1STZ_LF)	
				linear				dwg no	sheet 1 of 1
		dr	2/5/07					JSA 97257	size A4
		engr	2/5/07						
		chr	2/7/07						
		appd	2/7/07						
sheet		revision	A						Rev. A
index		sheet	1						



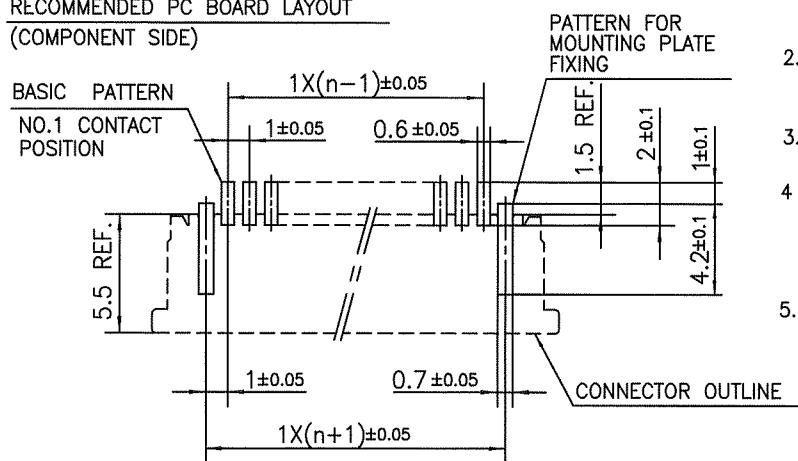
PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS	1	COLOR : BROWN
2	SLIDER	REINFORCED (UL94V-0)	1	COLOR : BLACK
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : THIN TIN
4	MOUNTING PLATE		2	PLATING : TIN

n : NO. OF CONTACTS

#### NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES 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 DESCRIBED 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)



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mat'l. code				surface	tolerance	projection	product family	CODE
ltr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101		58RF	JP
A	J07-0086	H.T	2/5/07	tolerances unless otherwise specified	±0.2	mm		
				angles	linear	scale X		
				dr	2/5/07			
				engr	2/5/07			
				chr	2/7/07			
				appd	2/7/07			
sheet		revision	A					
index		sheet	1					

SC\_SFW10 JSA97256  
form: A4

D

1

2

## CAT. NO. &amp; DIMENSIONS

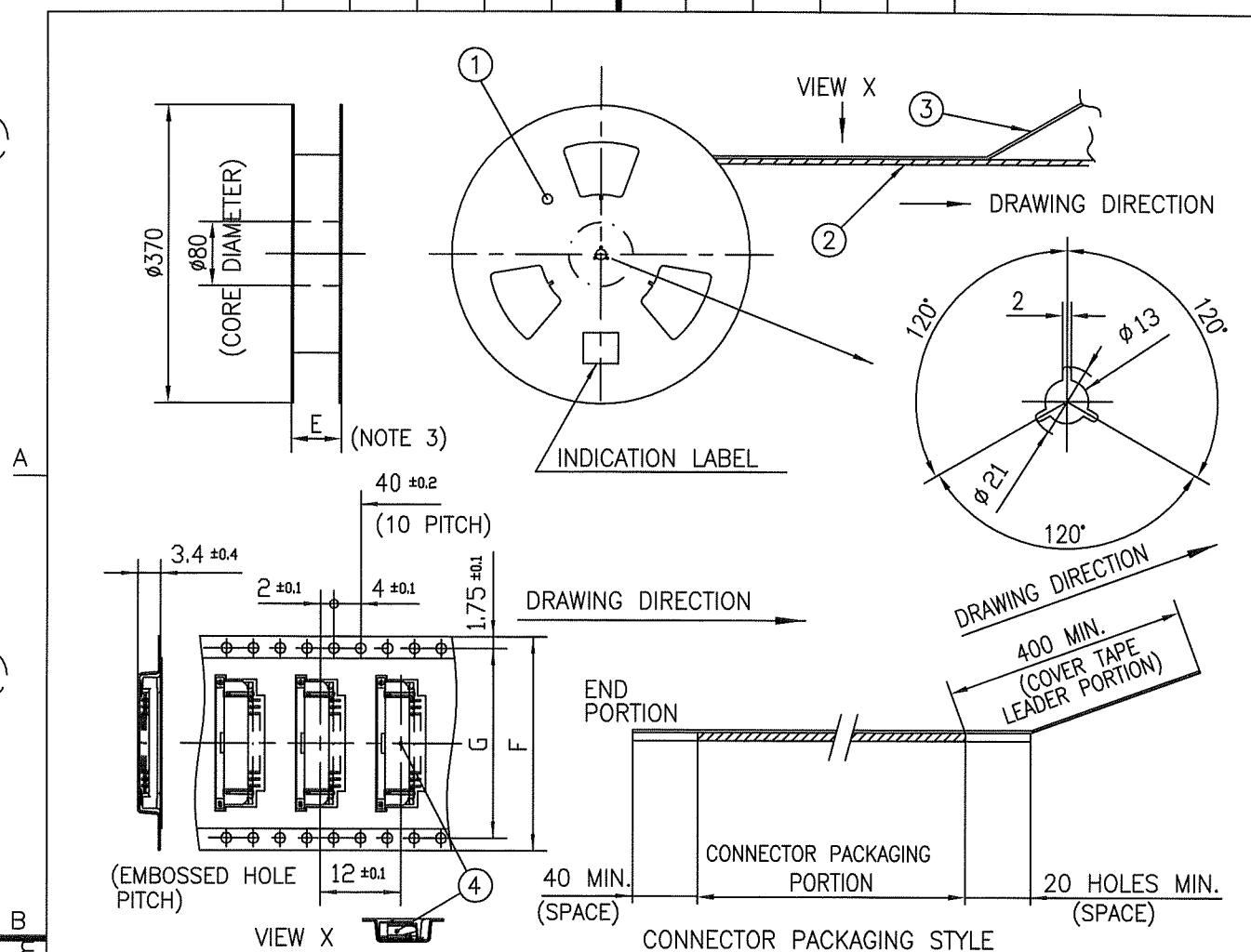
NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E ± 5	F ± 0.3	G ± 0.1
4	SFW4R-1/2STZE1LF	20.4	16	—
5	SFW5R-1/2STZE1LF	28.4	24	—
6	SFW6R-1/2STZE1LF	28.4	24	—
7	SFW7R-1/2STZE1LF	28.4	24	—
8	SFW8R-1/2STZE1LF	28.4	24	—
9	SFW9R-1/2STZE1LF	28.4	24	—
10	SFW10R-1/2STZE1LF	28.4	24	—
11	SFW11R-1/2STZE1LF	28.4	24	—
12	SFW12R-1/2STZE1LF	28.4	24	—
13	SFW13R-1/2STZE1LF	36.4	32	28.4
14	SFW14R-1/2STZE1LF	36.4	32	28.4
15	SFW15R-1/2STZE1LF	36.4	32	28.4
16	SFW16R-1/2STZE1LF	36.4	32	28.4
17	SFW17R-1/2STZE1LF	48.4	44	40.4
18	SFW18R-1/2STZE1LF	48.4	44	40.4
19	SFW19R-1/2STZE1LF	48.4	44	40.4
20	SFW20R-1/2STZE1LF	48.4	44	40.4
21	SFW21R-1/2STZE1LF	48.4	44	40.4
22	SFW22R-1/2STZE1LF	48.4	44	40.4
23	SFW23R-1/2STZE1LF	48.4	44	40.4
24	SFW24R-1/2STZE1LF	48.4	44	40.4
25	SFW25R-1/2STZE1LF	48.4	44	40.4
26	SFW26R-1/2STZE1LF	48.4	44	40.4
27	SFW27R-1/2STZE1LF	48.4	44	40.4
28	SFW28R-1/2STZE1LF	60.4	56	52.4
29	SFW29R-1/2STZE1LF	60.4	56	52.4
30	SFW30R-1/2STZE1LF	60.4	56	52.4

## NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPIES WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.

mat'l. code				surface	tolerance	projection	product family	58RF	CODE
Itr	ecn no	dr	date	ISO 1302	ISO 406 ISO 1101				JP
A	J07-0086	H.T	2/5/07	tolerances unless otherwise specified					
				angles					
					linear				
				dr	1/16" 2/5/07				
				engr	1/16" 2/5/07				
				chr	R. Shows 2/7/07				
				appd	S. Andon 2/7/07				
sheet	revision	A							Rev.
index	sheet	1							A

SC\_SFW10 JS97256 97260 97261  
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-1STZ_LF	SEE ATTACHED DWG.	2000	LOWER CONTACT TYPE

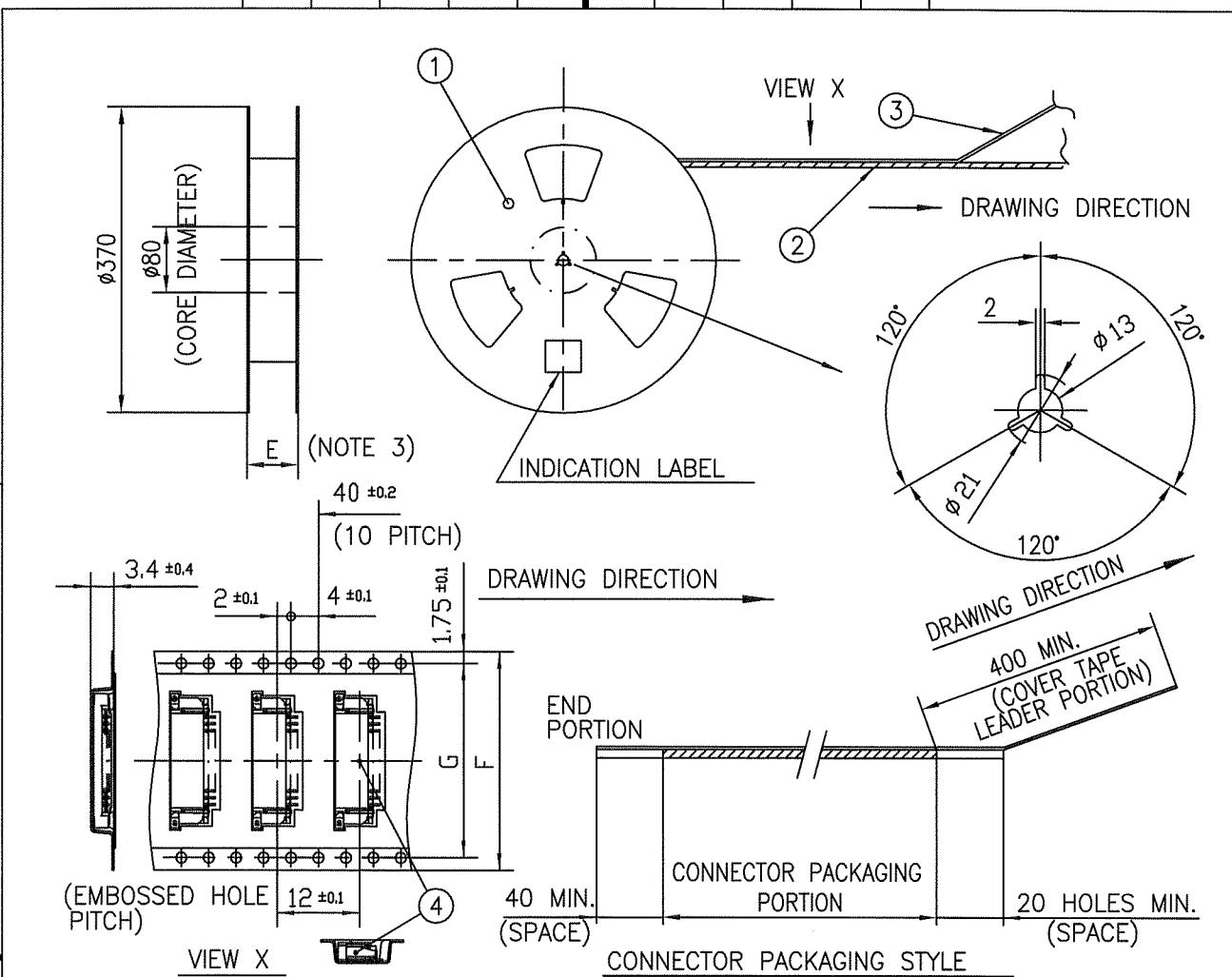
## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPIES 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.

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mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family	58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
A	J07-0086	H.T	2/5/07	angles ±5°			mm scale X		
				linear ±5°			PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-1STZE1LF)		
				dr engr chr appd			dwg no JSA 97260		
				sheet 1 of 1 size A4			type Product Customer Drawing		
sheet index	revision sheet	A 1							

SC\_SFW10 JSA97259  
form: A4



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-2STZ_LF	SEE ATTACHED DWG.	2000	UPPER CONTACT TYPE

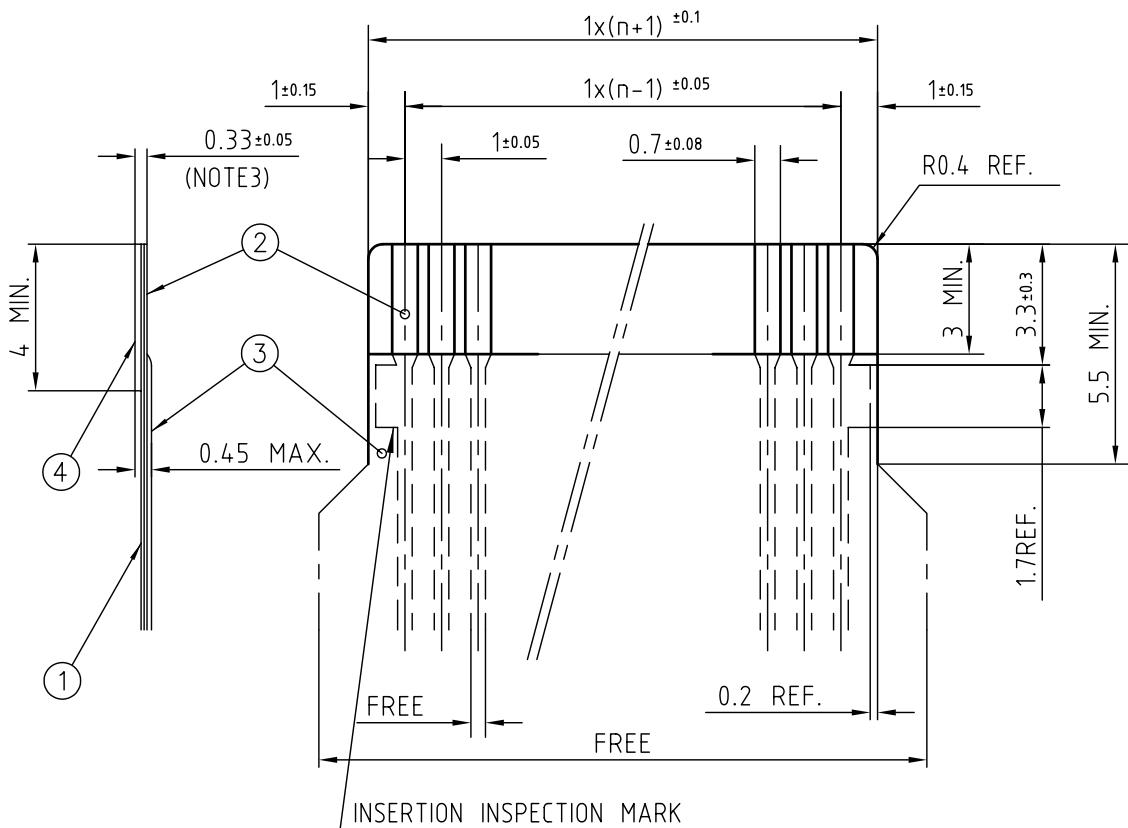
## NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR USED FOR FPC/FFC AND COPIES 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.

mat'l. code				surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family	58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified			title		
A	J07-0086	H.T	2/5/07	angles		±5	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW_R-2STZE1LF)		
				linear			dwg no		
				±5°			sheet 1 of 1		
				dr		mm	size		
				engr			JSA 97261		
				chr			A4		
				appd			type		
sheet		revision	A						
index		sheet	1						

## RECOMMENDED CABLE (FPC)

n : NO. OF CONDUCTOR



A

A

B

B

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PT. NO.	PARTS NAME	MATERIAL	THICKNESS (μm)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING:SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

## NOTES

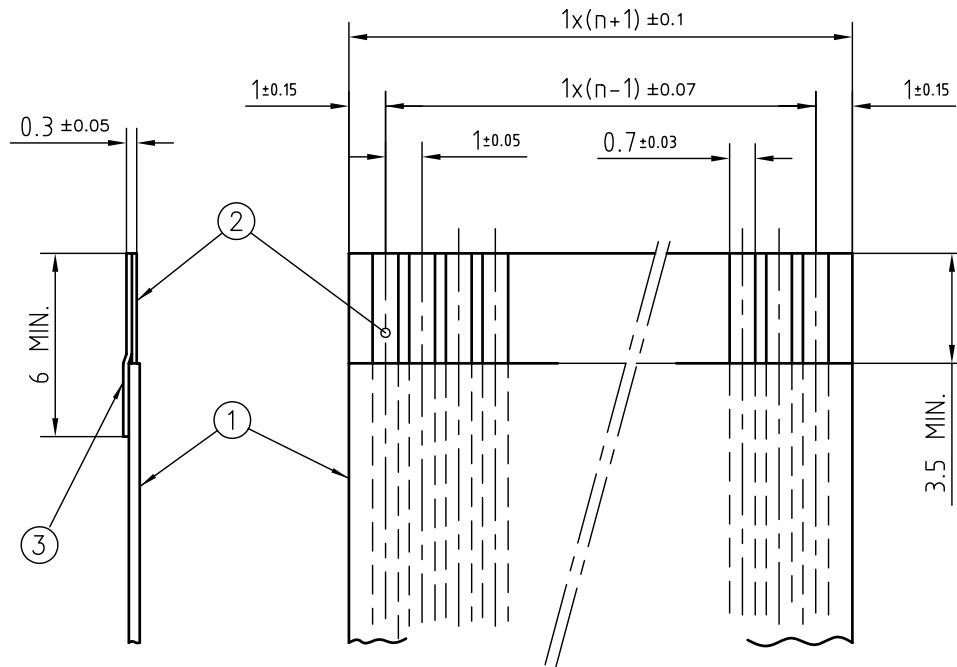
1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
4. A SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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mat'l. code				surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection	product family	58RF	CODE JP
ltr	ecn no	dr	date	tolerances unless otherwise specified					title		
AA	J05-0055	H.T	05-02-04	angles		linear			RECOMMENDED CABLE (Cat. No. SFW__R-1/2__)		
AB	J06-0398	H.T	06-09-26					mm			
AC	S08-0276	DGOH	08-08-22					scale X	dwg no	sheet 1 of 1	size
				dr	H. TAKAKURA	06-09-26			FCI	JSA 91605	A4
				engr	H. TAKAKURA	06-09-26					
				chr	DENNIS GOH	08-08-22					
				appd	JOEY NG	08-08-22					
sheet index	revision sheet	AC 1									Rev. AC

## RECOMMENDED CABLE (FFC)

n : NO. OF CONDUCTOR



A

A

B

B

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PT. NO.	PARTS NAME	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUAL	
2	CONDUCTOR	COPPER FOIL	PLATING:TIN OR SOLDER 1um MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUAL	

## NOTES

1. NO BURR AT EACH PORTION.
2. NO PEELING IN COMMON USE.
3. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

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mat'l. code				surface 58 ISO 1302		tolerance ISO 406 ISO 1101		projection	product family	58RF	CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified					title				
AA	J05-0055	H.T	05-02-04	angles					RECOMMENDED CABLE				
AB	J06-0398	H.T	06-09-26	linear					(Cat. No. SFW__R-1/2__)				
AC	S08-0276	DGOH	08-08-22	dr	H. TAKAKURA	06-09-26			dwg no	sheet 1 of 1	size		
				engr	H. TAKAKURA	06-09-26				JSA 91604	A4		
				chr	DENNIS GOH	08-08-22			type	Product Customer Drawing			
				appd	JOEY NG	08-08-22							
sheet	revision	AC									Rev.		
index	sheet	1									AC		

# Mouser Electronics

Authorized Distributor

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FCI / Amphenol:

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