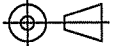


List of "SFW__R-3/4STZE5LF" customer document

DOCUMENT NO.	LIST
10091601(SHEET1)	DOCUMENT LIST
10091601(SHEET2)	CAT. NO. TABLE FOR 1mm SPACING SMT CONNECTOR (SFW__R-3/4STZ__LF)
10091601(SHEET3)	1mm SPACING SMT CONNECTOR (SFW__R-3STZ__LF)
10091601(SHEET4)	1mm SPACING SMT CONNECTOR (SFW__R-4STZ__LF)
10091601(SHEET5)	CAT. NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STZE5LF)
10091601(SHEET6)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STZE5LF)
10091601(SHEET7)	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STZE5LF)
10091601(SHEET8)	RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)
10091601(SHEET9)	RECOMMENDED CABLE (FFC) (SFW__R-3/4ST__)
SC-SFW11	PRODUCT SPECIFICATION
GS-20-130	HANDLING PROCEDURES

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				 mm scale X		title 1mm SPACING SMT CONNECTOR DOCUMENT LIST (Cat. No. : SFW__R-3/4STZE5LF)				
A	S08-0266	DGOH	08-08-13	angles	linear									
B	S08-0277	DGOH	08-08-25											
C	J09-0380	M.Y	2009-10-27											
				dr	M. YAMASITA		2009-10-27				dwg no		sheet 1 of 9	size
				engr	M. YAMASITA		2009-10-27				10091601		A4	
				chr	S. Withler		2009-10-27							
				appd	S. Andam		2009-10-27							
sheet index	revision	C	C	C	C	C	C	C	C	C	C	C	Rev. C	
	sheet	1	2	3	4	5	6	7	8	9				

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-3/4STZ__LF	9.8	8.6	3.0	3.92
5	SFW5R-3/4STZ__LF	10.8	9.6	4.0	4.92
6	SFW6R-3/4STZ__LF	11.8	10.6	5.0	5.92
7	SFW7R-3/4STZ__LF	12.8	11.6	6.0	6.92
8	SFW8R-3/4STZ__LF	13.8	12.6	7.0	7.92
9	SFW9R-3/4STZ__LF	14.8	13.6	8.0	8.92
10	SFW10R-3/4STZ__LF	15.8	14.6	9.0	9.92
11	SFW11R-3/4STZ__LF	16.8	15.6	10.0	10.92
12	SFW12R-3/4STZ__LF	17.8	16.6	11.0	11.92
13	SFW13R-3/4STZ__LF	18.8	17.6	12.0	12.92
14	SFW14R-3/4STZ__LF	19.8	18.6	13.0	13.92
15	SFW15R-3/4STZ__LF	20.8	19.6	14.0	14.92
16	SFW16R-3/4STZ__LF	21.8	20.6	15.0	15.92
17	SFW17R-3/4STZ__LF	22.8	21.6	16.0	16.92
18	SFW18R-3/4STZ__LF	23.8	22.6	17.0	17.92
19	SFW19R-3/4STZ__LF	24.8	23.6	18.0	18.92
20	SFW20R-3/4STZ__LF	25.8	24.6	19.0	19.92
21	SFW21R-3/4STZ__LF	26.8	25.6	20.0	20.92
22	SFW22R-3/4STZ__LF	27.8	26.6	21.0	21.92
23	SFW23R-3/4STZ__LF	28.8	27.6	22.0	22.92
24	SFW24R-3/4STZ__LF	29.8	28.6	23.0	23.92
25	SFW25R-3/4STZ__LF	30.8	29.6	24.0	24.92
26	SFW26R-3/4STZ__LF	31.8	30.6	25.0	25.92
27	SFW27R-3/4STZ__LF	32.8	31.6	26.0	26.92
28	SFW28R-3/4STZ__LF	33.8	32.6	27.0	27.92
29	SFW29R-3/4STZ__LF	34.8	33.6	28.0	28.92
30	SFW30R-3/4STZ__LF	35.8	34.6	29.0	29.92

CAT. NO. SFW (n) R - 3 ST Z __ LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION
3. LOWER CONTACT TYPE
4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING (SMT)

VARIATION

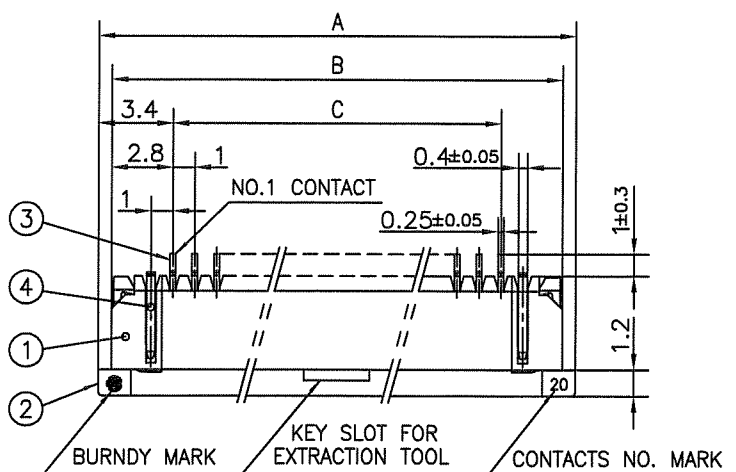
PACKAGE STYLE

LEAD FREE

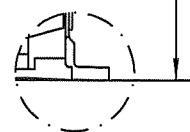
NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS WITH AUTOMATIC MOUNTING (SMT).
2. SEE PART DRAWINGS FOR DIMENSIONS A~D.
3. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

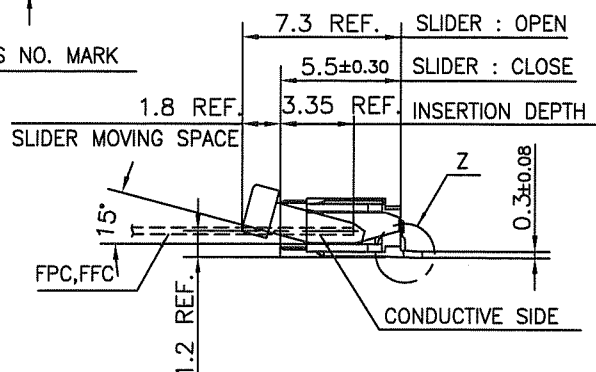
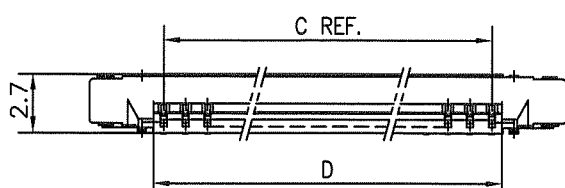
mat'l. code				surface 58/ISO 1302		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified				mm		title CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STZ__LF)			
C				angles	linear								
								scale		dwg no		sheet 2 of 9	size
				dr	M.YAMASHITA	2009-10-27	FCI		10091601		A4		
				engr	M.YAMASHITA	2009-10-27			type		Product Customer Drawing		
				chr	S. Saito	2009-10-27							
				appd	S. Saito	2009-10-27							
sheet index		revision sheet											Rev. C



0.1
(NOTE2)



DETAIL Z

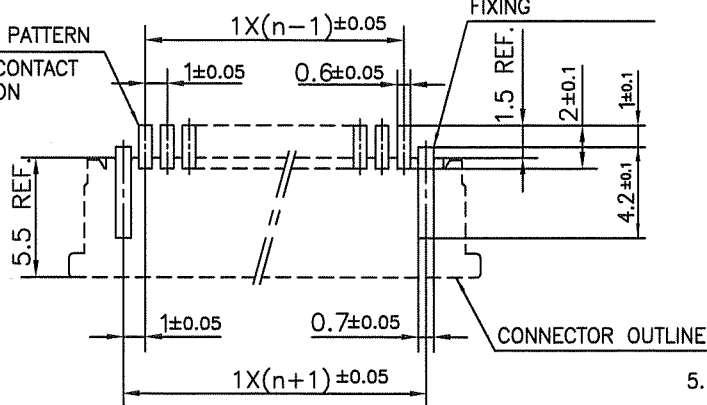


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER		1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : THIN TIN
4	MOUNTING PLATE		2	PLATING : TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT (COMPONENT SIDE)

BASIC PATTERN
NO.1 CONTACT
POSITION

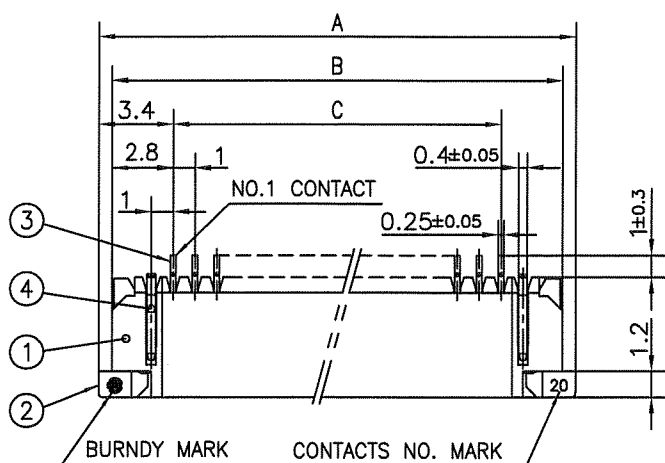


NOTES

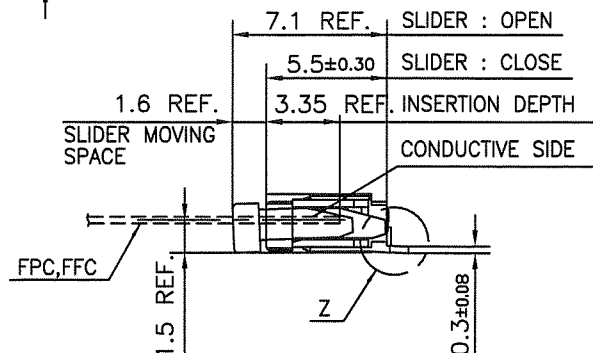
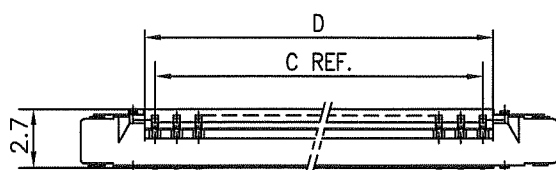
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES 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 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles linear		mm		title			
c										1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3STZ__LF)			
				dr		2009-10-27		scale		dwg no		sheet 3 of 9	
				engr		2009-10-27		FCI		10091601		size A4	
				chr		2009-10-27				type		Product Customer Drawing	
				appd		2009-10-27							
sheet index		revision sheet										Rev. c	



DETAIL Z

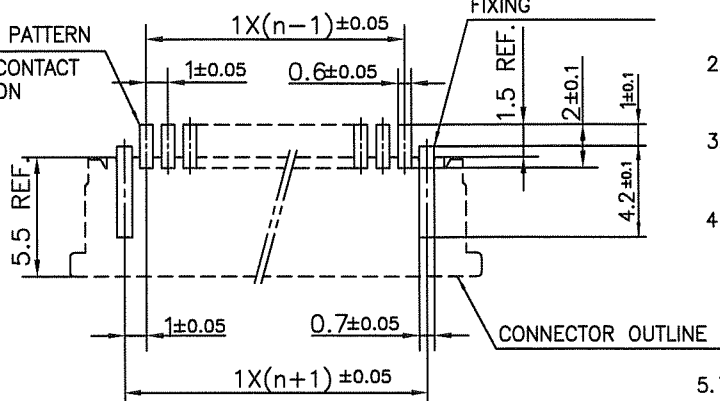


PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER		1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : THIN TIN
4	MOUNTING PLATE		2	PLATING : TIN

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

BASIC PATTERN

NO.1 CONTACT
POSITION

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPS 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 WITH CABLE LOCK MECHANISM.
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 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		mm		title			
c				angles	linear ±0.2	mm		1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STZ__LF)			
				dr	M. YAMASHITA	2009-10-27	scale X		dwg no sheet 4 of 9 size		
				enrg	M. YAMASHITA	2009-10-27	FCI		10091601 A4		
				chr	S. W. T. H.	2009-10-27			type Product Customer Drawing		
				appd	S. W. T. H.	2009-10-27					
sheet index		revision sheet								Rev. C	

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E MAX.	F ± 0.3	G ± 0.1
4	SFW4R-3/4STZE5LF	22.4	16	—
5	SFW5R-3/4STZE5LF	30.4	24	—
6	SFW6R-3/4STZE5LF	30.4	24	—
7	SFW7R-3/4STZE5LF	30.4	24	—
8	SFW8R-3/4STZE5LF	30.4	24	—
9	SFW9R-3/4STZE5LF	30.4	24	—
10	SFW10R-3/4STZE5LF	30.4	24	—
11	SFW11R-3/4STZE5LF	30.4	24	—
12	SFW12R-3/4STZE5LF	30.4	24	—
13	SFW13R-3/4STZE5LF	38.4	32	28.4
14	SFW14R-3/4STZE5LF	38.4	32	28.4
15	SFW15R-3/4STZE5LF	38.4	32	28.4
16	SFW16R-3/4STZE5LF	38.4	32	28.4
17	SFW17R-3/4STZE5LF	50.4	44	40.4
18	SFW18R-3/4STZE5LF	50.4	44	40.4
19	SFW19R-3/4STZE5LF	50.4	44	40.4
20	SFW20R-3/4STZE5LF	50.4	44	40.4
21	SFW21R-3/4STZE5LF	50.4	44	40.4
22	SFW22R-3/4STZE5LF	50.4	44	40.4
23	SFW23R-3/4STZE5LF	50.4	44	40.4
24	SFW24R-3/4STZE5LF	50.4	44	40.4
25	SFW25R-3/4STZE5LF	50.4	44	40.4
26	SFW26R-3/4STZE5LF	50.4	44	40.4
27	SFW27R-3/4STZE5LF	50.4	44	40.4
28	SFW28R-3/4STZE5LF	62.4	56	52.4
29	SFW29R-3/4STZE5LF	62.4	56	52.4
30	SFW30R-3/4STZE5LF	62.4	56	52.4

CAT. NO.

SFW (n) R - 3 ST Z E5 LF

SERIES NAME

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FPC/FFC,
WITH CABLE LOCK MECHANISM

CONTACT DIRECTION

3. LOWER CONTACT TYPE

4. UPPER CONTACT TYPE

FOR AUTOMATIC MOUNTING
(SMT)

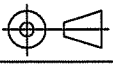
VARIATION

TAPE PACKAGING

LEAD FREE

NOTES

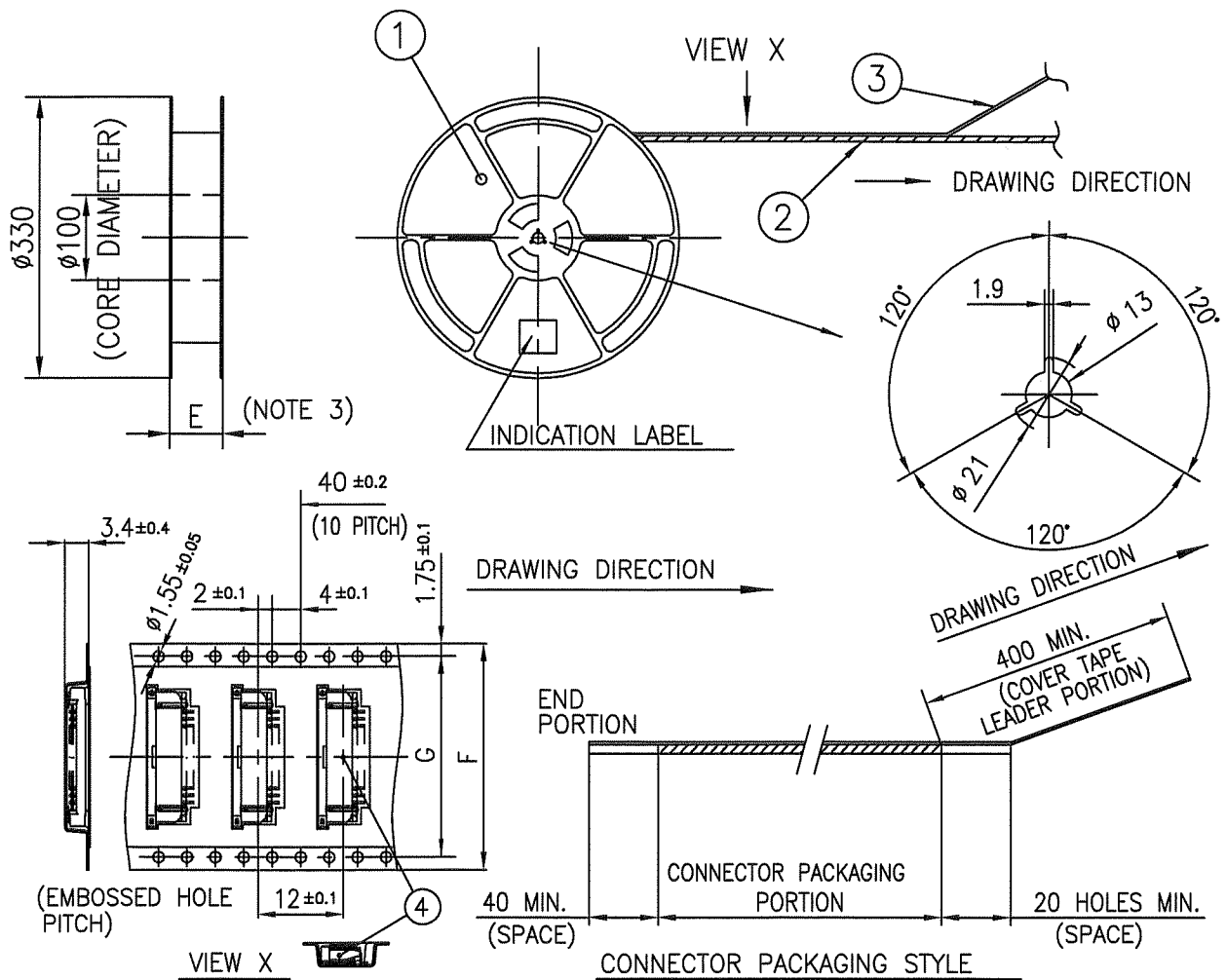
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPE WITH AUTOMATIC MOUNTING (SMT).
2. THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.
3. SEE PART DRAWINGS FOR DIMENSIONS E~G.
4. THIS PRODUCT IS THE CONNECTOR WITH CABLE LOCK MECHANISM.

mat'l. code				surface 58 / tolerance ISO 1302 ✓ ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		 mm scale X		title CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STZE5LF)			
C				angles	linear						
				dr	M. YAMASHITA 2009-10-27			dwg no		sheet 5 of 9	size
				engr	M. YAMASHITA 2009-10-27			10091601		A4	
				chr	S. Kishino 2009-10-27			type Product Customer Drawing			
				appd	S. Oudaru 2009-10-27						
sheet index		revision sheet								Rev. C	

form: A4

1

2

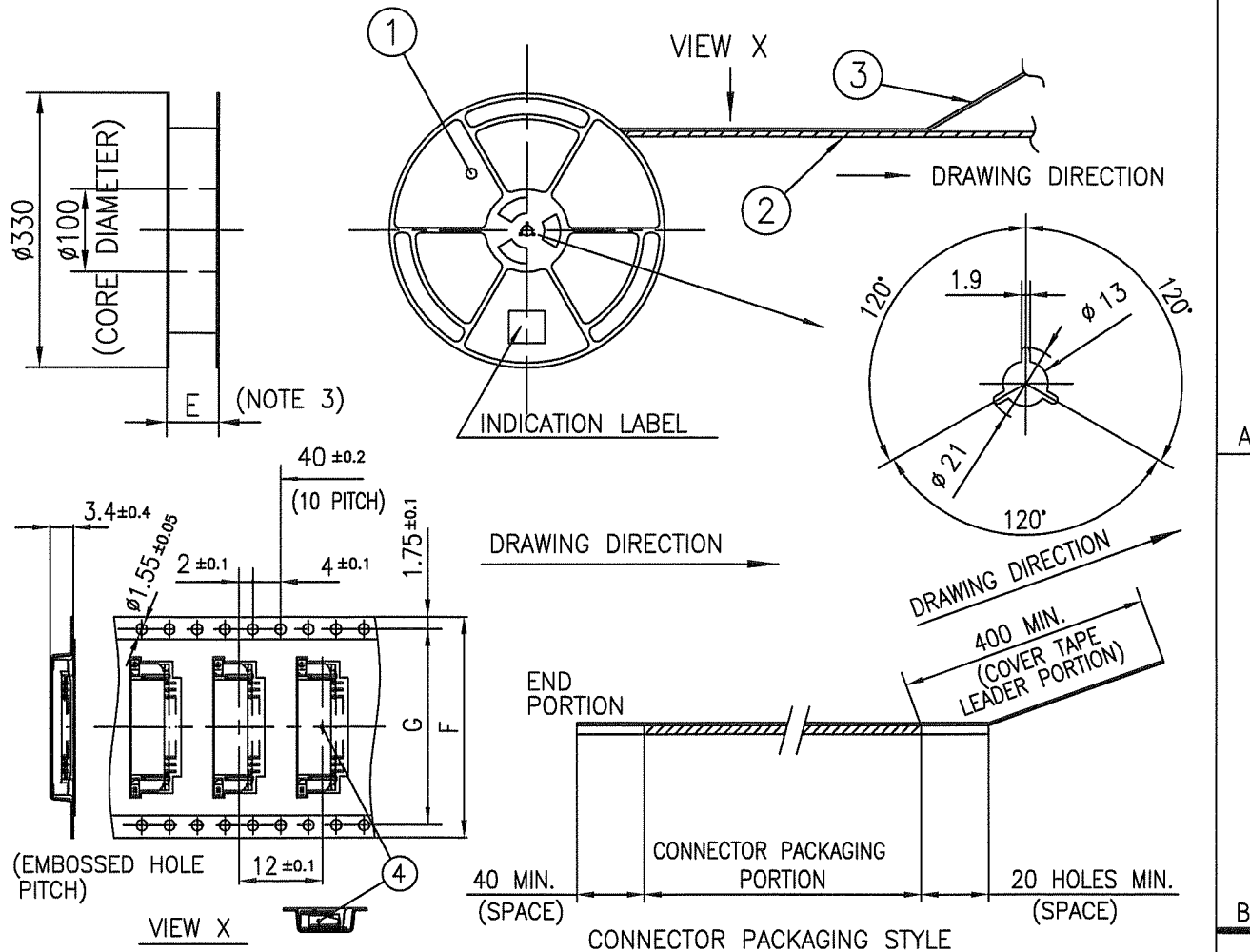


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	—	POLYSTYRENE	1	COLOR : WHITE/BLACK
2	PLASTIC (EMBOSS) TAPE	—	PET	—	COLOR : TRANSPARENCY
3	COVER	—	POLYESTER	—	COLOR : TRANSPARENCY
4	CONNECTOR	SFW__R-3STZ__LF	SEE ATTACHED DWG.	1500	LOWER CONTACT TYPE

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC 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 (EMBOSS) TAPE AND REEL.
- E DIMENSION IS PORTION OF THE CORE.

mat'l. code				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
litr ecn no dr date				tolerances unless otherwise specified		mm		mm		title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3STZE5LF)			
c				angles linear		±5		scale X		dwg no sheet 6 of 9 size A4			
				±5°						10091601			
dr				M.YAMASHITA		2007-10-27		FCI		type Product Customer Drawing			
enr				M.YAMASHITA		2007-10-27							
chr				S. Watanabe		2007-10-27							
appd				S. Watanabe		2007-10-27							
sheet index		revision sheet										Rev. c	



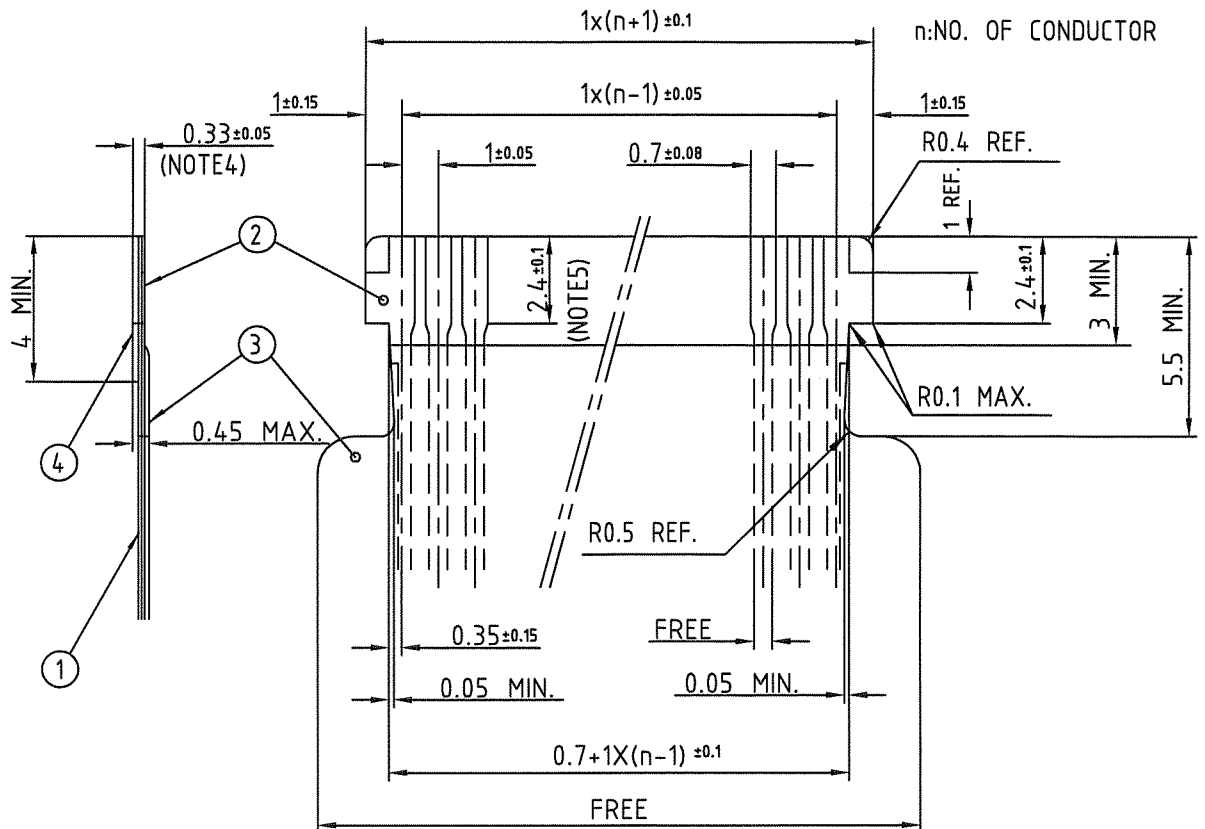
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	_____	POLYSTYRENE	1	COLOR : WHITE/BLACK
2	PLASTIC (EMBOSS) TAPE	_____	PET	_____	COLOR : TRANSPARENCY
3	COVER	_____	POLYESTER	_____	COLOR : TRANSPARENCY
4	CONNECTOR	SFW__R-4STZ__LF	SEE ATTACHED DWG.	1500	UPPER CONTACT TYPE

NOTES

1. THIS IS PLASTIC TAPE PACKAGED CONNECTOR WITH CABLE LOCK MECHANISM USED FOR FPC/FFC 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.

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection mm		product family 58RF		CODE JP	
ltr	ecn no	dr	date	tolerances unless otherwise specified		angles		linear		title PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STZE5LF)		dwg no	
c				±5		±5°		scale		sheet 7 of 9		size	
										10091601		A4	
				dr		M. YAMASHITA		2009-10-27		type		Product Customer Drawing	
				enr		M. YAMASHITA		2009-10-27					
				chr		S. W. K.		2009-10-27					
				appd		J. Chidambaram		2009-10-27					
sheet index	revision sheet												Rev. C

RECOMMENDED CABLE (FPC)

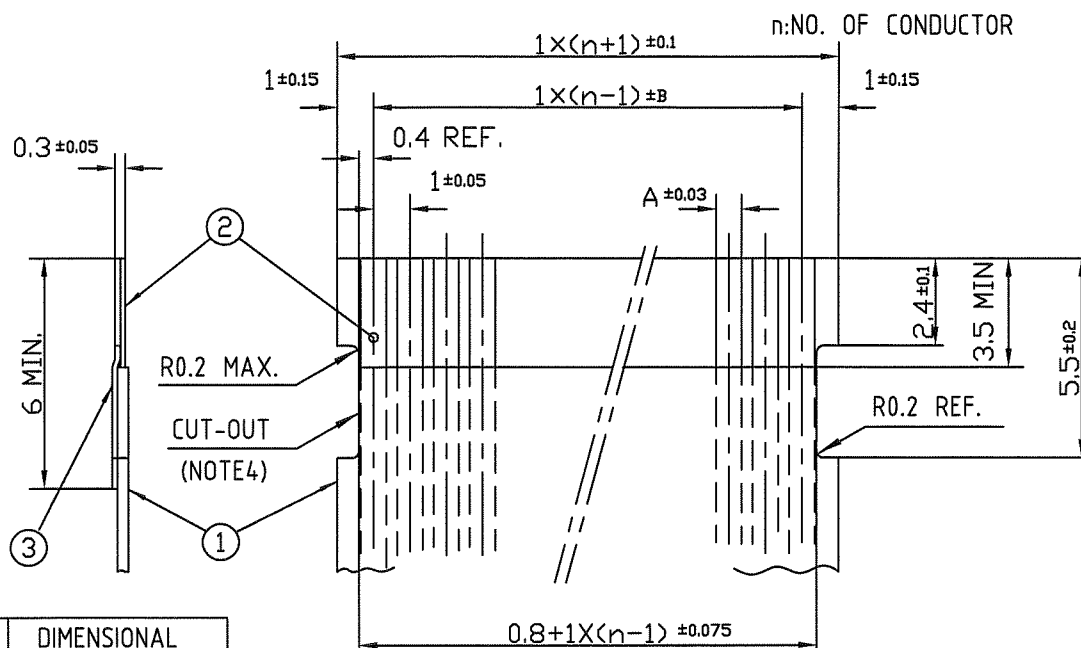


PT. NO.	PARTS NAME	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING : SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUAL	—
4	SUPPORTING TAPE	POLYESTER OR POLYIMIDE OR EQUAL	188

- NOTES
1. THIS DRAWING INDICATES THE FPC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
 2. NO BURR AT EACH PORTION.
 3. NO PEELING IN COMMON USE.
 4. TOTAL THICKNESS LIMIT OF EACH MATERIAL (INCLUDING ADHESIVE AGENT) IS SPECIFIED.
 5. THIS DIMENSION INDICATES THE RANGE FOR 0.7 ± 0.08 CONDUCTOR WIDTH.
 6. A $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58 ☒ tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title				
c				angles	linear	mm		RECOMMENDED CABLE				
						scale X		(Cat. No. SFW_R-3/4_)				
				dr	M. YAMASHITA	2007-10-27			dwg no		sheet 8 of 9	
				enr	M. YAMASHITA	2007-10-27			10091601		size	A4
				chr	D. H. H. H.	2007-10-27						
				appd	D. H. H. H.	2007-10-27						
sheet index		revision sheet						type		Product Customer Drawing		
										Rev. c		

RECOMMENDED CABLE (FFC)



KIND OF FFC (NOTE 5)	DIMENSIONAL TOLERANCE	
	A	B
1	0.7	0.1
2	0.6	0.07

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
- THIS DRAWING INDICATES THE FFC USED THE CONNECTOR WITH CABLE LOCK MECHANISM.
 - NO BURR AT EACH PORTION.
 - NO PEELING IN COMMON USE.
 - THERE IS A POSSIBILITY THAT THE CUT-OUT CROSSES THE CONDUCTOR BECAUSE OF DIMENSIONAL TOLERANCE.
 - EITHER KIND 1 OR KIND 2 OF FFC CAN ACCEPT DIMENSIONAL TOLERANCE a AND b.
 - A $\triangle B$ SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

mat'l. code				surface 58 ☒ tolerance ISO 406 ISO 1101		projection		product family 58RF		CODE JP	
ltr				tolerances unless otherwise specified		mm		title			
ecn no				angles		linear		RECOMMENDED CABLE			
dr								(Cat. No. SFW_R-3/4_)			
date								dwg no			
				dr		2009-10-27		sheet 9 of 9			
				enr		2009-10-27		size			
				chr		2009-10-27		10091601			
				appd		2009-10-27		type Product Customer Drawing			
sheet index		revision sheet								Rev. c	