List of "SFW__R-3/4STE9LF" customer document

DOCUMENT NO.	LIST
SC-SFW11	SPEC.
10117478 Sheet2	CAT.NO.TABLE FOR 1mm CONTACT SPACING SMT CONNECTOR (SFW__R-3/4ST__LF)
10117478 Sheet3	1mm SPACING SMT CONNECTOR (SFW__R-3ST__LF)
10117478 Sheet4	1mm SPACING SMT CONNECTOR (SFW__R-4ST__LF)
10117478 Sheet5	CAT.NO.TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3/4STE9LF)
10117478 Sheet6	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-3STE9LF)
10117478 Sheet7	PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (SFW__R-4STE9LF)
10117478 Sheet8	RECOMMENDED CABLE (FPC) (SFW__R-3/4ST__)
GS-20-130	HANDLING PROCEDURES

ltr	ecn no	dr	date
A	J11-0050	S.W	2011-2-17
B	ELX-J-32994	S.W	2019-3-25

mat'l. code: –

surface: ISO 1302 ✓

tolerance: ISO 406 ISO 1101

tolerances unless otherwise specified: angles | linear

projection

MM

scale N/A

dr	S.WATANABE	2019-3-25
engr	S.WATANABE	2019-3-25
chr	S-H.THIO	2019-3-25
appd	Y.KAMEDA	2019-3-25

product family: 58RF

title: 1mm SPACING FPC CONNECTOR DOCUMENT LIST (Cat. No. : SFW__R-3/4STE9LF)

dwg no: 10117478

sheet 1 of 8

size: A4

type: Product Customer Drawing

sheet index										
	revision	B	B	B	B	B	B	B	B	
	sheet	1	2	3	4	5	6	7	8	

form: A4-2016-02-24

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

CAT. NO. SFW (n) R −3 ST __ LF

- SFW — SERIES NAME
- (n) — NO. OF CONTACTS
- R — RIGHT ANGLE TYPE
- −: FOR FPC/FFC, WITH CABLE LOCK MECHANISM
- 3 — CONTACT DIRECTION
  3. LOWER CONTACT TYPE
  4. UPPER CONTACT TYPE
- ST — FOR AUTOMATIC MOUNTING (SMT)
- __ — PACKAGE STYLE
- LF — LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES 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 ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr B	ecn no	dr	date
tolerances unless otherwise specified: angles / linear			MM, scale N/A
dr	S.WATANABE	2019-3-25	
engr	S.WATANABE	2019-3-25	
chr	S-H.THIO	2019-3-25	
appd	Y.KAMEDA	2019-3-25	
sheet index	revision sheet		

product family: 58RF

title: CAT NO. TABLE FOR 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4ST__LF)

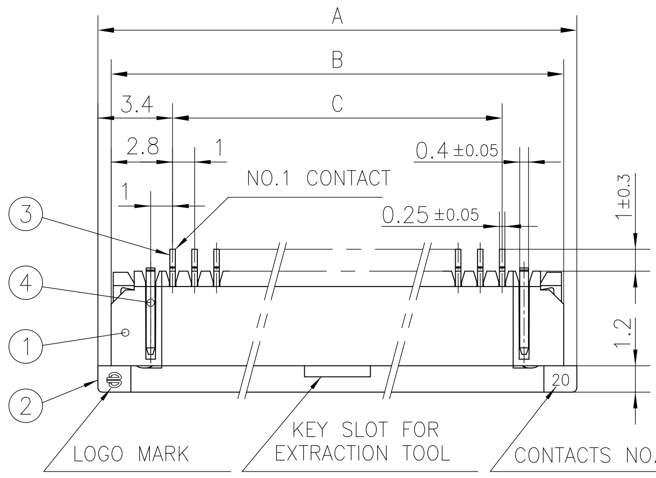
dwg no: 10117478 — sheet 2 of 8 — size A4

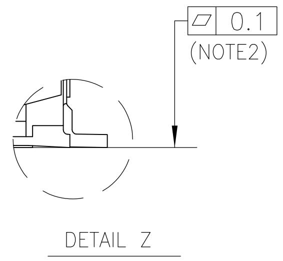
type: Product Customer Drawing

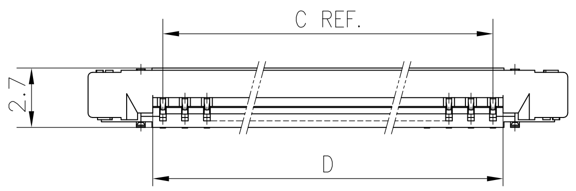
Amphenol FCi

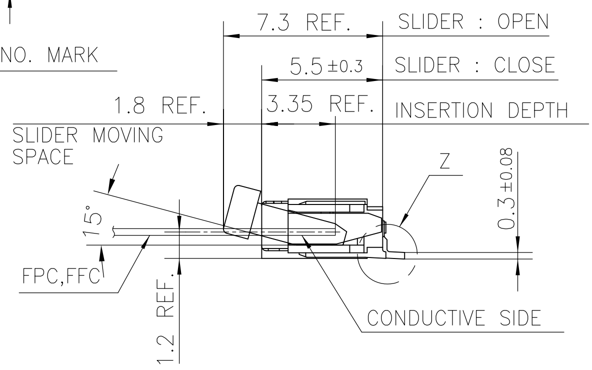
form: A4-2016-02-24

PDS: Rev :B STATUS:Released Printed: Mar 25, 2019





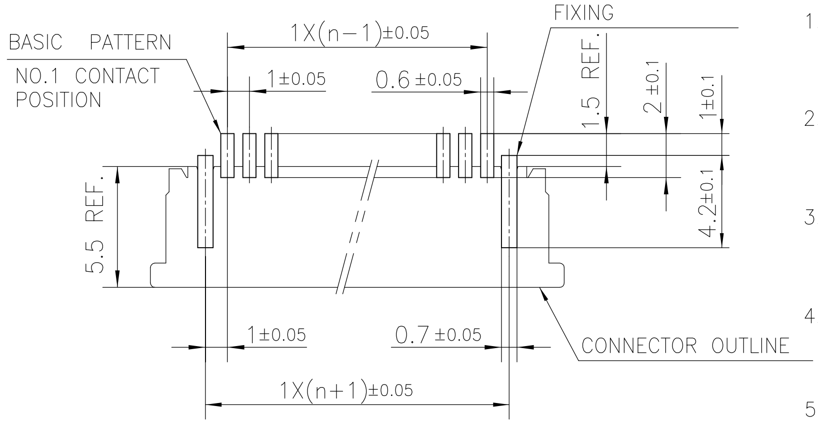




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER		1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : MATTE TIN
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

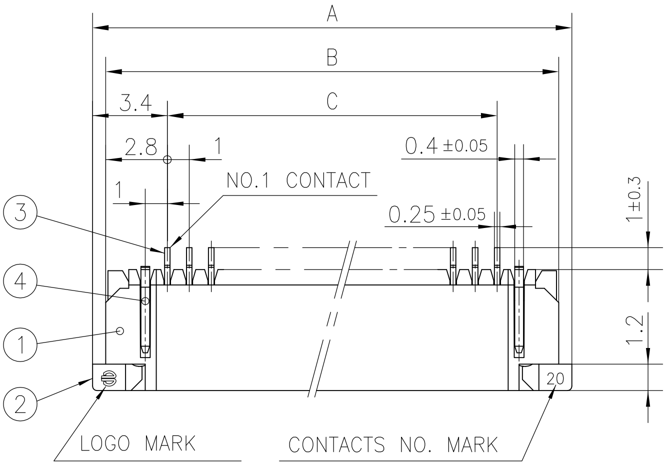
RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)

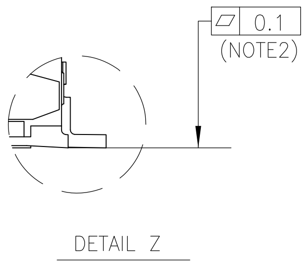


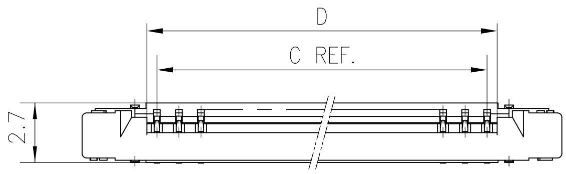
NOTES

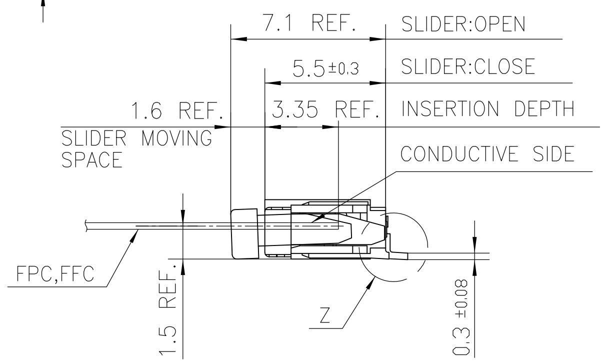
1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES WITH AUTOMATIC MOUNTING (SMT).
2. FLATNESS FOR CONTACT TERMINAL HOUSING MUST BE WITHIN TOLERANCE IN Z PORTION DETAILED DRAWING.
3. THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR WITH CABLE LOCK MECHANISM.
4. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES 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: ISO 1302 √	tolerance: ISO 406 ISO 1101	projection	product family: 58RF
ltr: B / ecn no / dr / date	tolerances unless otherwise specified: angles; linear ±0.2		MM; scale: X	title: 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3ST__LF)
	dr: S.WATANABE 2019-3-25		Amphenol FCi	dwg no: 10117478; sheet 3 of 8; size A4
	engr: S.WATANABE 2019-3-25			
	chr: S-H.THIO 2019-3-25			
	appd: Y.KAMEDA 2019-3-25			type: Product Customer Drawing
sheet index	revision sheet			





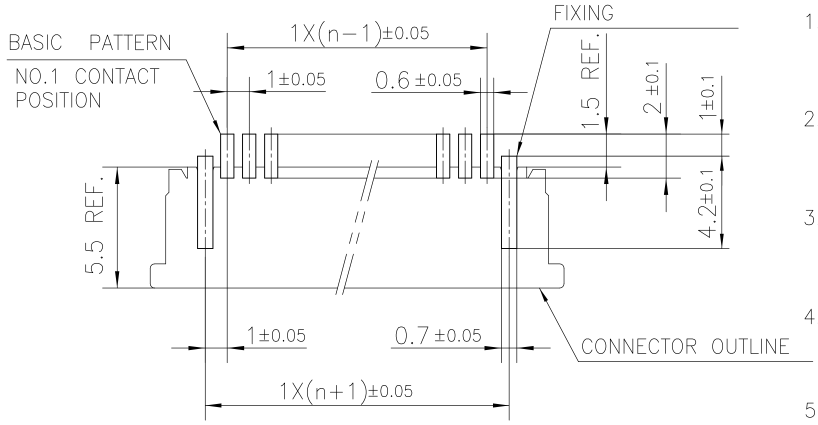




PT. NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	PPS RESIN GLASS REINFORCED (UL94V-0)	1	COLOR : BLACK
2	SLIDER		1	COLOR : BROWN
3	CONTACT	PHOSPHOR BRONZE	n	PLATING : MATTE TIN
4	MOUNTING PLATE		2	

n : NO. OF CONTACTS

RECOMMENDED PC BOARD LAYOUT
(COMPONENT SIDE)



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 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: ISO 1302 √	tolerance: ISO 406 ISO 1101	projection
tolerances unless otherwise specified	angles	linear ±0.2	MM
scale			

ltr	ecn no	dr	date
B			

dr	S.WATANABE	2019-3-25
engr	S.WATANABE	2019-3-25
chr	S-H.THIO	2019-3-25
appd	Y.KAMEDA	2019-3-25

Amphenol FCi

product family: 58RF

title: 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4ST__LF)

dwg no: 10117478 | sheet 4 of 8 | size A4

type: Product Customer Drawing

sheet index | revision sheet

PDS: Rev :B STATUS:Released Printed: Mar 25, 2019

CAT. NO. & DIMENSIONS

NO. OF CONTACTS (n)	CAT. NO. (NOTE2)	DIMENSIONS (NOTE3)		
		E MAX.	F ± 0.3	G ± 0.1
4	SFW4R-3/4STE9LF	22.4	16	—
5	SFW5R-3/4STE9LF	30.4	24	—
6	SFW6R-3/4STE9LF	30.4	24	—
7	SFW7R-3/4STE9LF	30.4	24	—
8	SFW8R-3/4STE9LF	30.4	24	—
9	SFW9R-3/4STE9LF	30.4	24	—
10	SFW10R-3/4STE9LF	30.4	24	—
11	SFW11R-3/4STE9LF	30.4	24	—
12	SFW12R-3/4STE9LF	30.4	24	—
13	SFW13R-3/4STE9LF	38.4	32	28.4
14	SFW14R-3/4STE9LF	38.4	32	28.4
15	SFW15R-3/4STE9LF	38.4	32	28.4
16	SFW16R-3/4STE9LF	38.4	32	28.4
17	SFW17R-3/4STE9LF	50.4	44	40.4
18	SFW18R-3/4STE9LF	50.4	44	40.4
19	SFW19R-3/4STE9LF	50.4	44	40.4
20	SFW20R-3/4STE9LF	50.4	44	40.4
21	SFW21R-3/4STE9LF	50.4	44	40.4
22	SFW22R-3/4STE9LF	50.4	44	40.4
23	SFW23R-3/4STE9LF	50.4	44	40.4
24	SFW24R-3/4STE9LF	50.4	44	40.4
25	SFW25R-3/4STE9LF	50.4	44	40.4
26	SFW26R-3/4STE9LF	50.4	44	40.4
27	SFW27R-3/4STE9LF	50.4	44	40.4
28	SFW28R-3/4STE9LF	62.4	56	52.4
29	SFW29R-3/4STE9LF	62.4	56	52.4
30	SFW30R-3/4STE9LF	62.4	56	52.4

CAT. NO. SFW (n) R – 3 ST E9 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)
- TAPE PACKAGING FOR E9 (500pcs PER REEL)
- LEAD FREE

NOTES

1. THIS PRODUCT IS THE CONNECTOR USED FOR FPC/FFC AND COPES 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: ISO 1302	tolerance: ISO 406 ISO 1101	projection
ltr: B	ecn no:	dr:	date:
tolerances unless otherwise specified: angles / linear			MM
			scale N/A
dr: S.WATANABE	2019-3-25		
engr: S.WATANABE	2019-3-25		
chr: S-H.THIO	2019-3-25		
appd: Y.KAMEDA	2019-3-25		

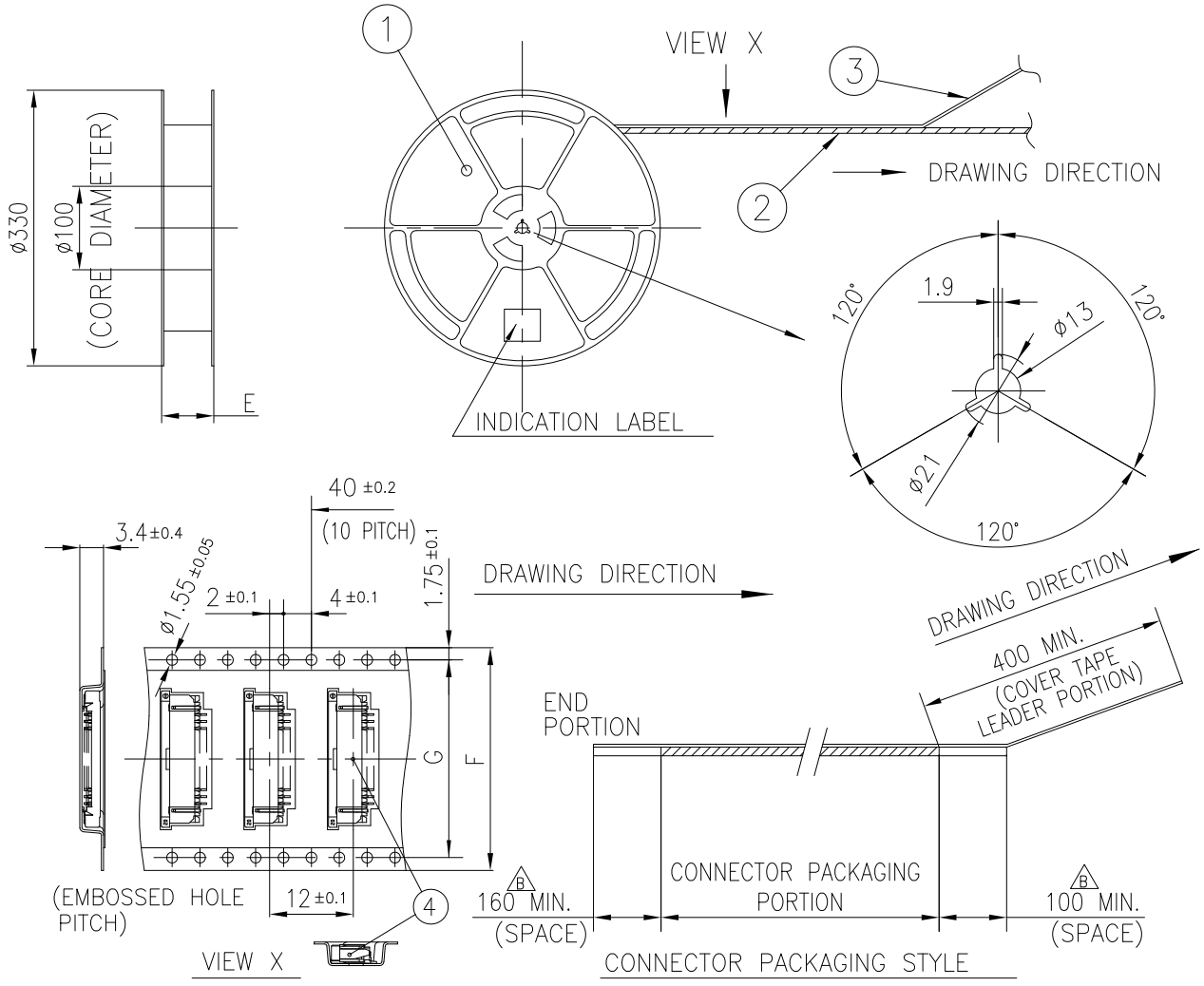
product family: 58RF

title: CAT NO. TABLE FOR PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3/4STE9LF)

dwg no: 10117478 | sheet 5 of 8 | size: A4

type: Product Customer Drawing

sheet index | revision | sheet

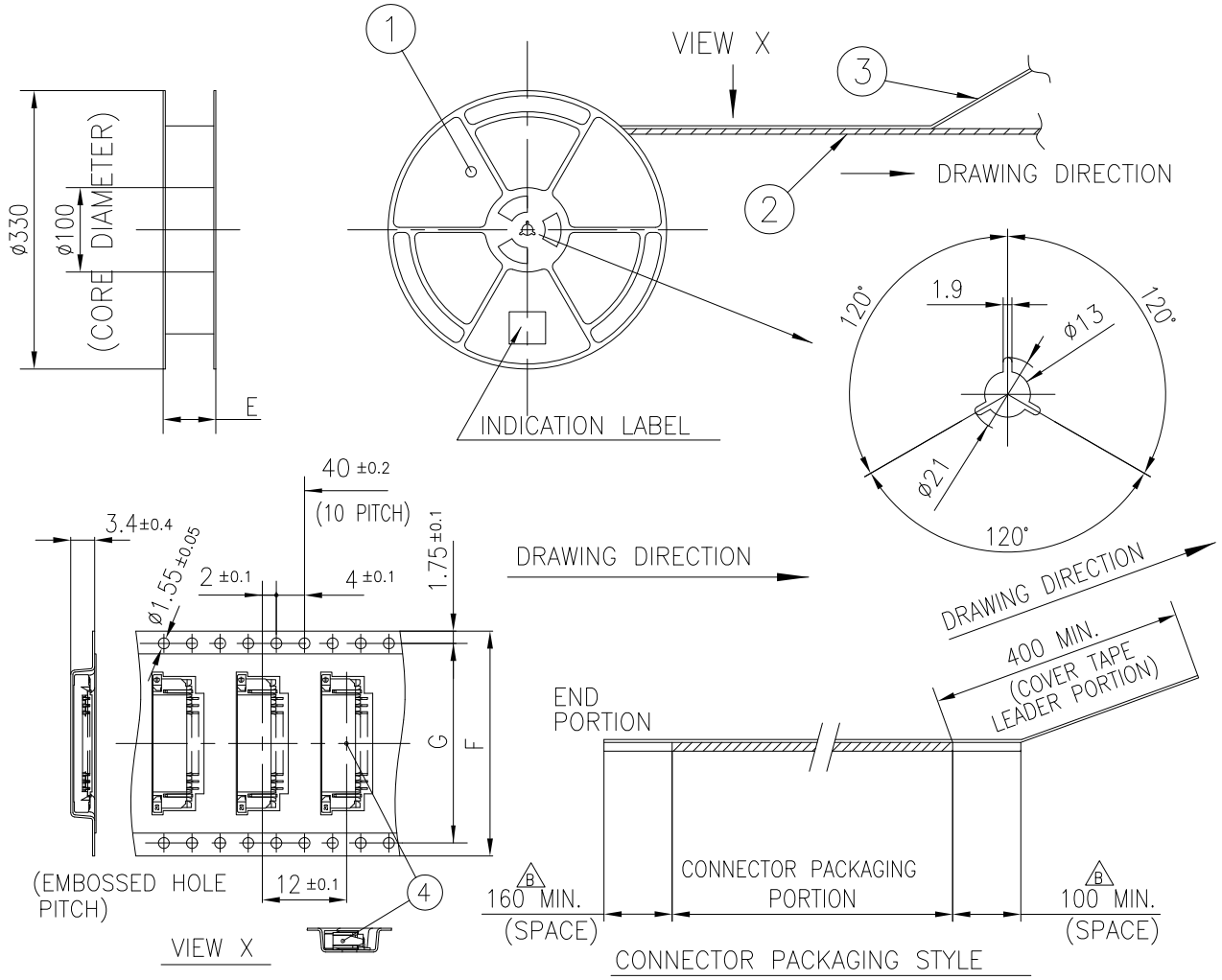


PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	———	△B PS or A-PET	———	COLOR:TRANSPARENCY
3	COVER	———	△B POLYESTER,POLYETHYLENE	———	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-3ST__LF	SEE SHEET 3	500	LOWER CONTACT TYPE

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	product family: 58RF	
ltr: B	ecn no	dr	date	tolerances unless otherwise specified	title: PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-3STE9LF)
				angles ±5° / linear ±5	MM
					scale N/A
				dr S.WATANABE 2019-3-25	dwg no 10117478 sheet 6 of 8 size A4
				engr S.WATANABE 2019-3-25	
				chr S-H.THIO 2019-3-25	
				appd Y.KAMEDA 2019-3-25	type Product Customer Drawing
sheet index	revision sheet				



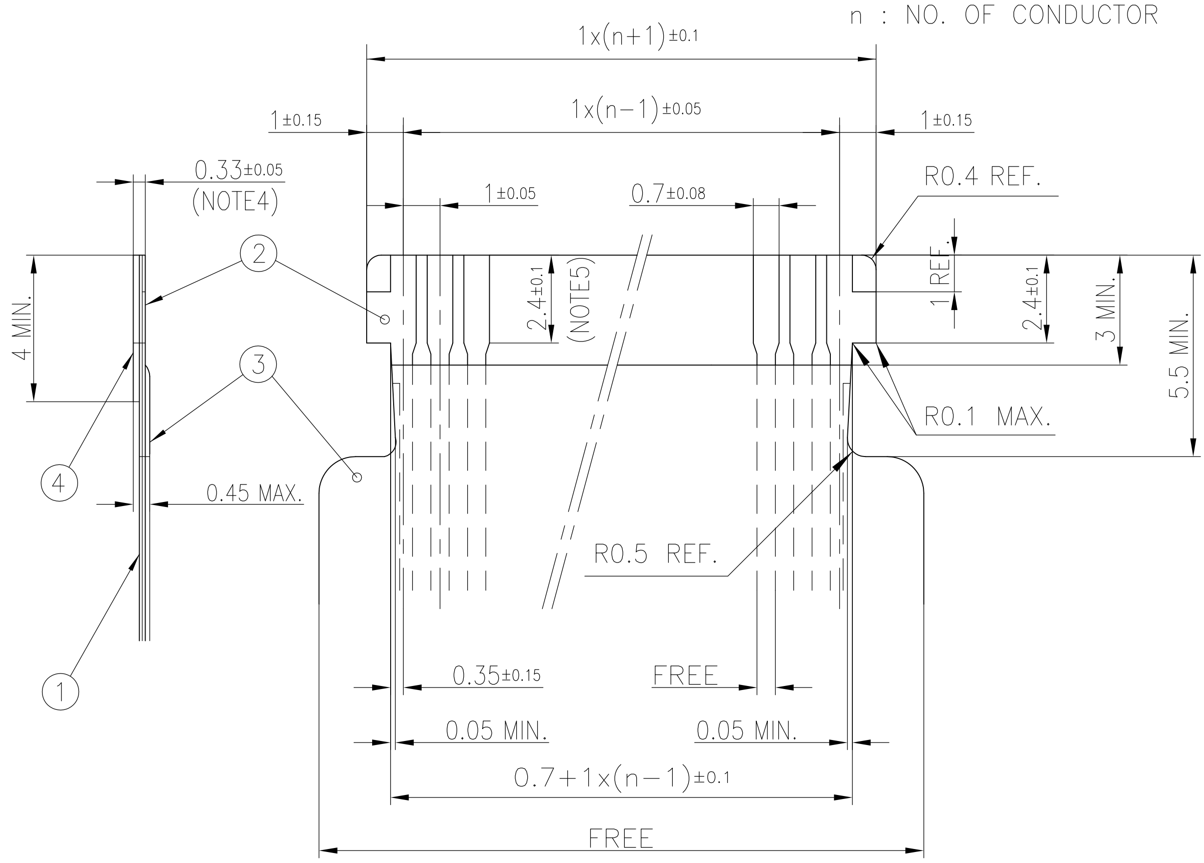
PT. NO.	PARTS NAME	CAT. NO.	MATERIAL	Q'TY	NOTE
1	REEL	———	POLYSTYRENE	1	COLOR : WHITE or BLACK
2	PLASTIC (EMBOSS) TAPE	———	B PS or A-PET	———	COLOR:TRANSPARENCY
3	COVER	———	B POLYESTER,POLYETHYLENE	———	COLOR:TRANSPARENCY
4	CONNECTOR	SFW__R-4ST__LF	SEE SHEET 4	500	UPPER CONTACT TYPE

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	product family: 58RF	
ltr: B	ecn no	dr	date	tolerances unless otherwise specified	title: PLASTIC TAPE PACKAGED 1mm SPACING SMT CONNECTOR (Cat. No. SFW__R-4STE9LF)
				angles ±5° / linear ±5	MM
					scale N/A
				dr S.WATANABE 2019-3-25	dwg no 10117478 sheet 7 of 8 size A4
				engr S.WATANABE 2019-3-25	
				chr S-H.THIO 2019-3-25	
				appd Y.KAMEDA 2019-3-25	type Product Customer Drawing
sheet index	revision sheet				

RECOMMENDED CABLE (FPC)



PT. NO.	PARTS NAME	MATERIAL	THICKNESS(um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUAL	25
2	CONDUCTOR	COPPER FOIL(PLATING: TIN OR 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.

mat'l. code —	surface ISO 1302 ✓	tolerance ISO 406 ISO 1101	projection	product family 58RF		
ltr / ecn no / dr / date	tolerances unless otherwise specified			title		
B	angles	linear	MM	RECOMMENDED CABLE (Cat. No. SFW__R-3/4ST__)		
			scale 5:1			
	dr	S.WATANABE	2019-3-25	Amphenol FCi	dwg no 10117478	sheet 8 of 8	size A4
	engr	S.WATANABE	2019-3-25			
	chr	S-H.THIO	2019-3-25			
	appd	Y.KAMEDA	2019-3-25		type Product Customer Drawing	
sheet index	revision sheet					

Amphenol FCi

form: A4-2016-02-24

PDS: Rev :B STATUS:Released Printed: Mar 25, 2019