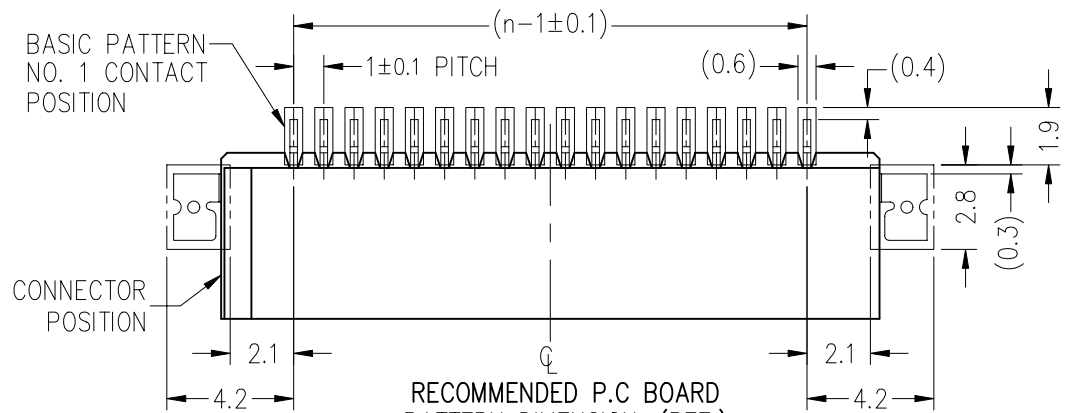
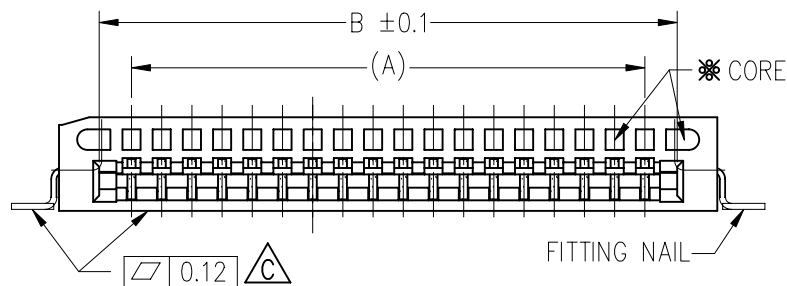
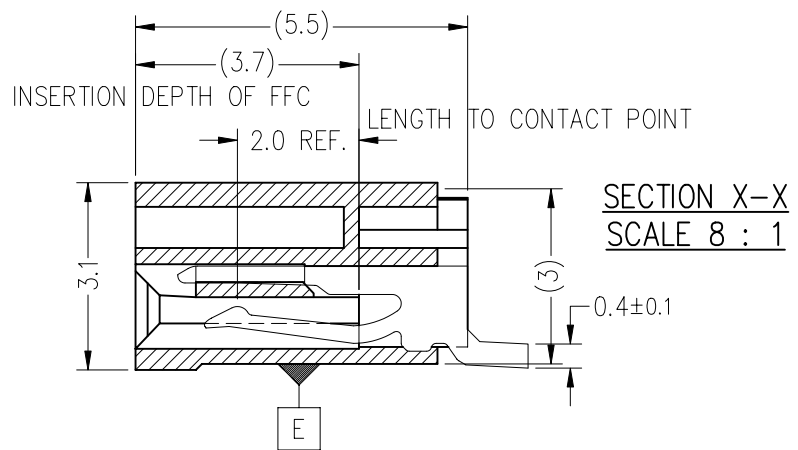
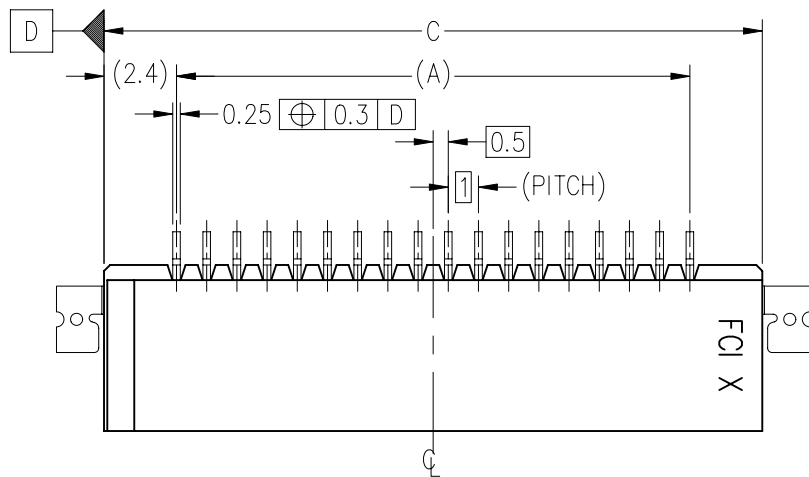
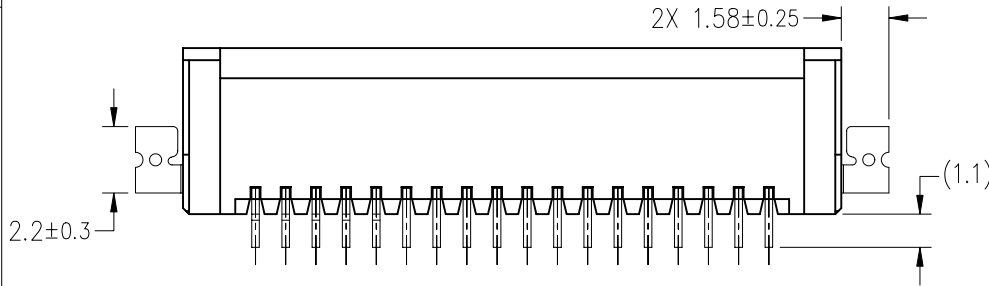




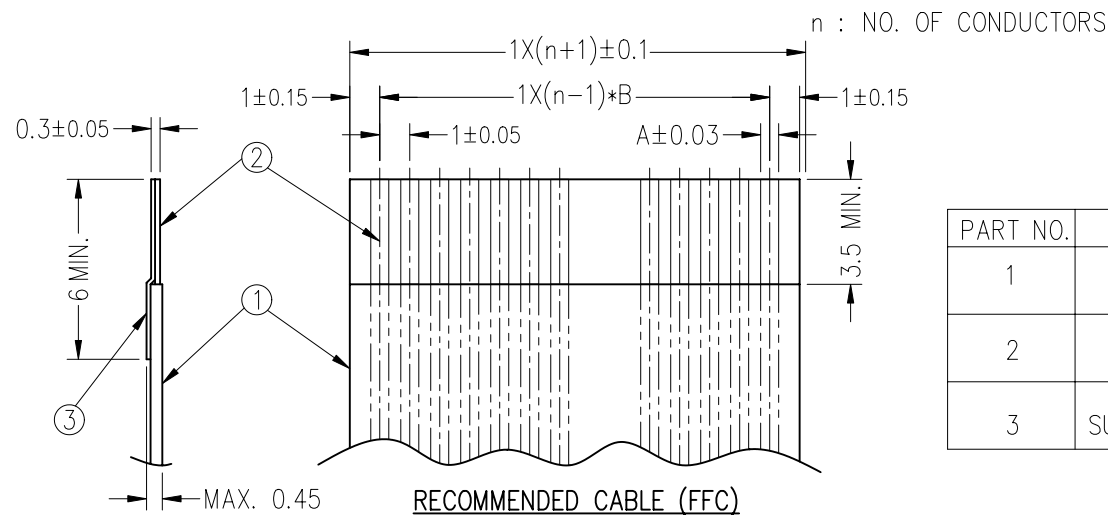
(FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE)
 MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM DATUM E
 : UPPER DIRECTION .10 MAX. , LOWER DIRECTION 0.15 MAX.
 ✱ <<ALTERNATE CORE AND RIB CONSTRUCTION, NON-FUNCTION,
 AND OR FOR PLASTIC MOLDING PROCESS PURPOSE>>

RECOMMENDED P.C BOARD
 PATTERN DIMENSION. (REF.)
 (MOUNTING AREA)

RECOMMENDED SOLDER PASTE
 THICK 0.15mm [.006"] MIN.



mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	linear	mm	FFC/FPC		
A	S07-0203	SLLIM	070615			.XX±.20		title		
B	S07-0450	SLLIM	071226					1mm SPACING SMT		
C	S08-0180	SLLIM	080819	X±2"			scale 4:1	FFC/FPC CONNECTOR		
				dr	SLLIM	060907		dwg no		
				enr	SLLIM	060907		sheet 1 of 6		
				chr	SLLIM	060907		10073872		
				appd	JOEY NG	060908		A4		
sheet index		revision	sheet	C	C	C	C	type		
		1	2	3	4	5	6	Product Customer Drawing		



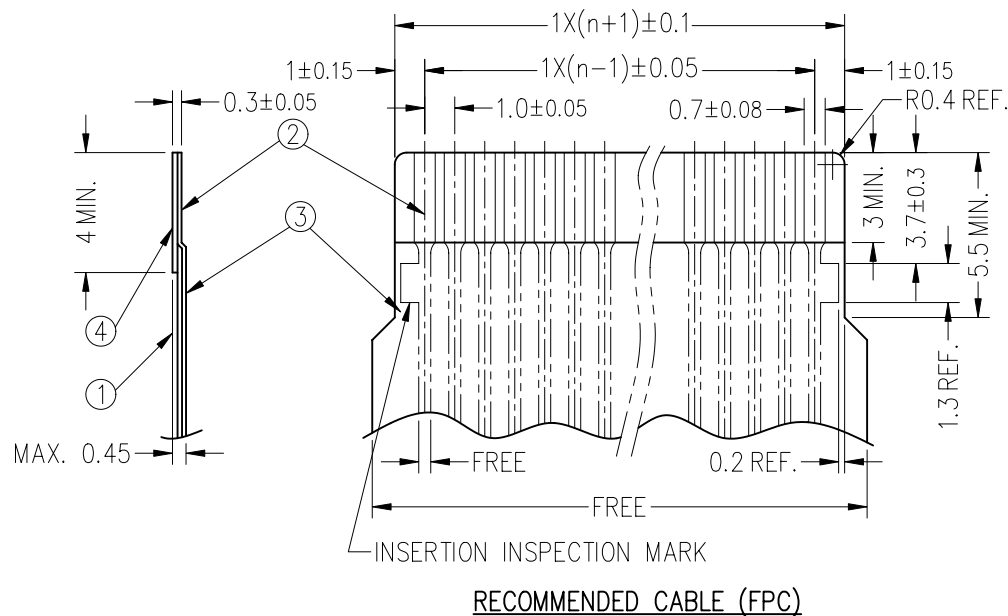
(NOTE C)	DIMENSION A	TOLERANCE B
1	0.7	0.1
2	0.6	0.07

RECOMMENDED CABLE (FFC)

PART NO.	DESCRIPTION	MATERIAL	NOTE
1	INSULATOR	FLAME RESISTING POLYESTER OR EQUIVALENT	-----
2	CONDUCTOR	COPPER FOIL	PLATING: TIN OR SOLDER 1um MIN.
3	SUPPORTING TAPE	FLAME RESISTING POLYESTER OR EQUIVALENT	-----

NOTES:

- A.) NO BURR AT EACH PORION.
 B.) NO PEELING IN COMMON USE.
 C.) BOTH COMBINATION IS ALLOWED.



RECOMMENDED CABLE (FPC)

PART NO.	DESCRIPTION	MATERIAL	THICKNESS (um)
1	BASE FILM	POLYIMIDE OR POLYESTER OR EQUIVALENT	25
2	CONDUCTOR	COPPER FOIL (PLATING: SOLDER 1um MIN.)	35
3	OVERLAY	POLYIMIDE OR POLYESTER OR EQUIVALENT	-----
4	SUPPORTING TAPE		188

mat'l. code				tolerances unless otherwise specified		projection	product family FFC/FPC	
ltr	ecn no	dr	date	angles	linear	mm	title 1mm SPACING SMT FPC/FFC CONNECTOR	
c				x'±2°	-----	scale 4:1	dwg no 10073872	
		dr		SLLIM	060907		sheet 2 of 6	
		enr		SLLIM	060907		size A4	
		chr		SLLIM	060907			
		appd		JOEY NG	060908		type Product Customer Drawing	
sheet index	revision sheet							

PART NO.	PARTS NAME	MATERIAL	Q'TY	NOTE
1	HOUSING	HIGH TEMPERATURE THERMOPLASTIC REINFORCED (UL94V-0)	1	COLOR: BLACK
2	CONTACT	PHOSPHOR BRONZE	n	PLATING (LEAD FREE)
3	SMT CLIP	BRASS	2	

CATALOG NUMBER HFW (n) R -1 ST E1 MT LF

SERIES

NO. OF CONTACTS

RIGHT ANGLE TYPE

FOR FFC/FPC, CONTACT DIRECTION, (LOWER CONTACT TYPE)

FOR AUTOMATIC MOUNTING -- (SMT)

TAPE & REEL PACKAGING

MODIFY VERSION

LEAD FREE

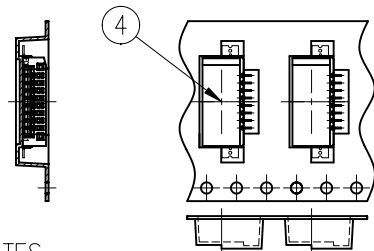
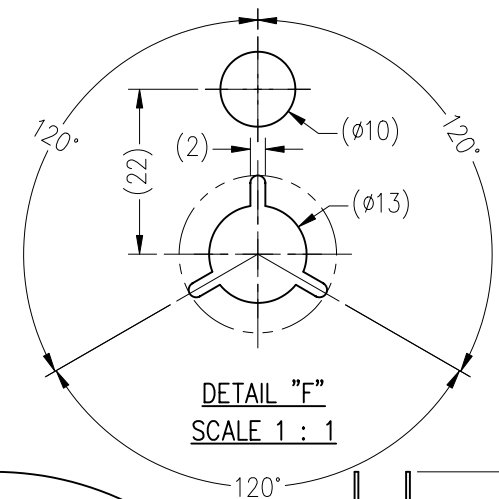
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29	HFW29R-1STE1MTLF	28	30.14	32.8
28	HFW28R-1STE1MTLF	27	29.14	31.8
27	HFW27R-1STE1MTLF	26	28.14	30.8
26	HFW26R-1STE1MTLF	25	27.14	29.8
25	HFW25R-1STE1MTLF	24	26.14	28.8
24	HFW24R-1STE1MTLF	23	25.14	27.8
23	HFW23R-1STE1MTLF	22	24.13	26.8
22	HFW22R-1STE1MTLF	21	23.14	25.8
21	HFW21R-1STE1MTLF	20	22.14	24.8
20	HFW20R-1STE1MTLF	19	21.14	23.8
19	HFW19R-1STE1MTLF	18	20.14	22.8
18	HFW18R-1STE1MTLF	17	19.14	21.8
17	HFW17R-1STE1MTLF	16	18.14	20.8
16	HFW16R-1STE1MTLF	15	17.14	19.8
15	HFW15R-1STE1MTLF	14	16.14	18.8
14	HFW14R-1STE1MTLF	13	15.14	17.8
13	HFW13R-1STE1MTLF	12	14.14	16.8
12	HFW12R-1STE1MTLF	11	13.14	15.8
11	HFW11R-1STE1MTLF	10	12.14	14.8
10	HFW10R-1STE1MTLF	9	11.14	13.8
9	HFW9R-1STE1MTLF	8	10.14	12.8
8	HFW8R-1STE1MTLF	7	9.14	11.8
7	HFW7R-1STE1MTLF	6	8.14	10.8
6	HFW6R-1STE1MTLF	5	7.14	9.8
5	HFW5R-1STE1MTLF	4	6.14	8.8
4	HFW4R-1STE1MTLF	3	5.14	7.8
CIRCUIT	CATALOG NO.	A	B	C

NOTES

- THIS PRODUCT IS THE CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPE WITH AUTOMATIC MOUNTING (SMT).
- MISALIGNMENT OF SOLDER TAIL AND SMT CLIP FROM DATUM E : UPPER DIRECTION 0.10 MAX. , LOWER DIRECTION 0.15 MAX.
- THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
- THIS PRODUCT IS MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A REFLOW SOLDERING OVEN.
- THIS PRODUCT IS LOWER CONTACT TYPE CONNECTOR.
- THIS CATALOG NO. INDICATES PLASTIC TAPE PACKAGED CONNECTOR.

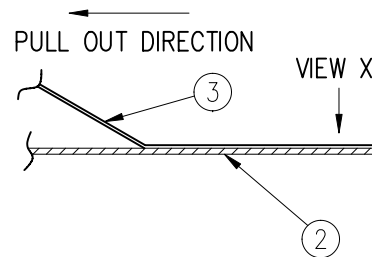
mat'l. code				tolerances unless otherwise specified			projection	product family FFC/FPC		
ltr	ecn no	dr	date	angles	linear	-----	mm	title	1mm SPACING SMT FPC/FFC CONNECTOR	sheet 3 of 6
c						.XX±.20				
				x'±2"		-----	scale 4:1	dwg no	10073872	size A4
				dr	SLLIM	060907				
				enrg	SLLIM	060907		type	Product	Customer
				chr	SLLIM	060907				
				appd	JOEY NG	060908		Drawing		
sheet index	revision	sheet								

P/N:	PARTS NAME	CATALOG NO.	MATERIAL	QUANTITY	NOTE
①	REEL	-----	POLYSTYRENE (PS) <RECYCLE MATERIAL CONTAINED>	01	COLOR: BLACK
②	PLASTIC (EMBOSSED) CARRIER TAPE	-----	POLYSTYRENE (0.4mm Thick)	-----	COLOR: (CLEAR) TRANSPARENCY
③	COVER (TOP TAPE)	-----	POLYESTER	-----	COLOR: (CLEAR) TRANSPARENCY
④	CONNECTOR	HFW__R-1STE1MTLF	SEE ATTACHED DRAWING	1,000PCS/REEL	LOWER CONTACT TYPE

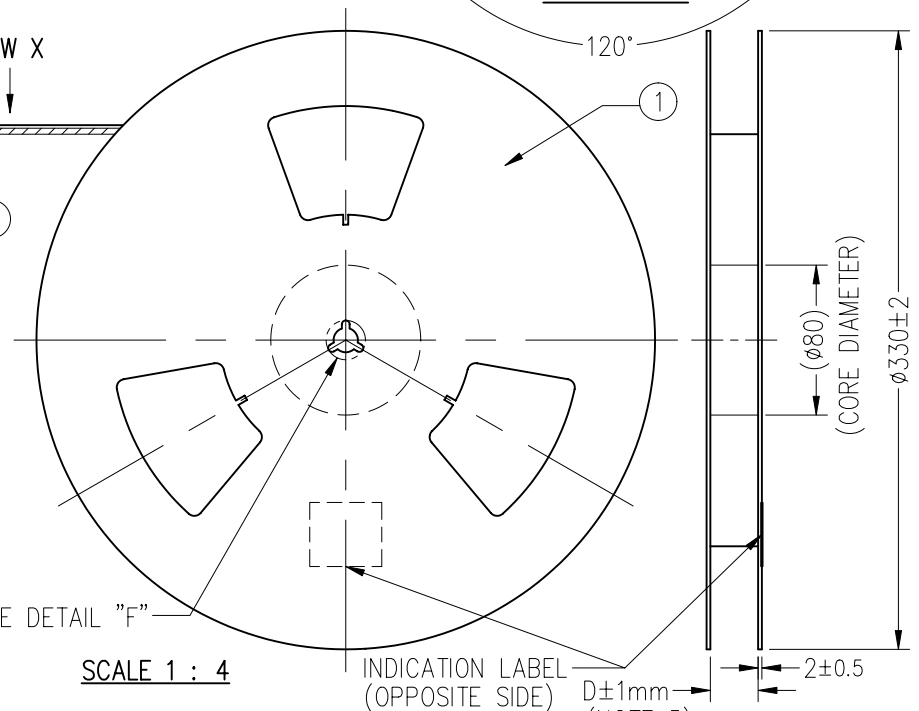


SCALE 4 : 1

UNLESS OTHERWISE SPECIFIED: ± 5 , ANGLE $\pm 5^\circ$
TOLERANCES



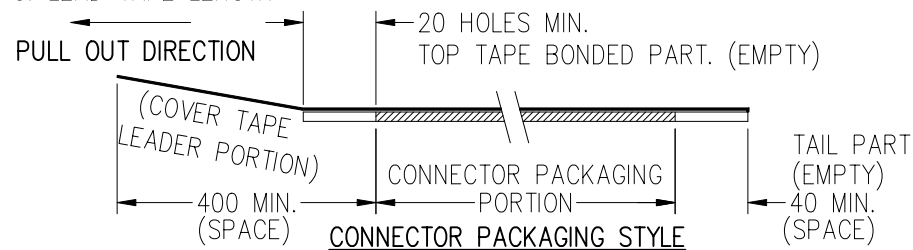
VIEW X



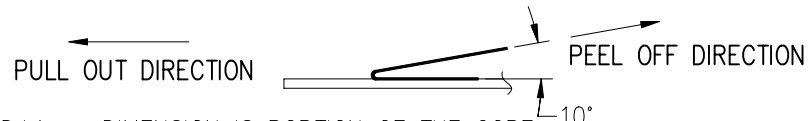
SCALE 1 : 4

NOTES

- THIS IS PLASTIC TAPE PACKAGED CONNECTOR DESIGNED TO TERMINATE FPC/FFC AND COPEs WITH AUTOMATIC MOUNTING (SMT).
- SEE JIS C 0806 (PACKING OF ELECTRONICS COMPONENTS ON CONTINUOUS TAPES, SURFACE MOUNT DEVICES) FOR SHAPE AND DIMENSIONS OF PLASTIC (EMBOSSED) TAPE AND REEL.
- LEAD TAPE LENGTH



- PEELING OFF FORCE OF TOP TAPE TAPE: 0.1N~0.7N(10.2gf~71.4gf) (PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.) THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT. PEEL OFF SHOULD NOT BE ALLOWED, DURING TRANSPORTATION.



- D ± 1 mm DIMENSION IS PORTION OF THE CORE.

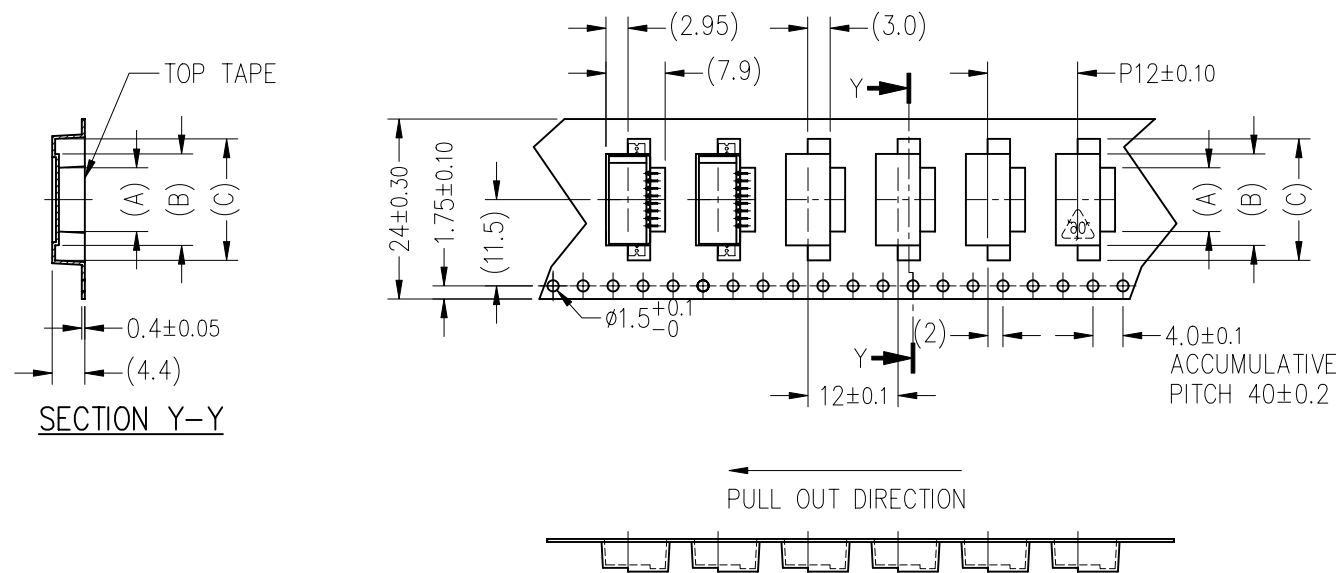
mat'l. code				tolerances unless otherwise specified				projection	(NOTE 5) product family FFC/FPC			
ltr	ecn no	dr	date	angles	linear	-----		mm	title 1mm SPACING SMT FPC/FFC CONNECTOR			
C						.XX±.20						

				dr	SLLIM	060907		scale 4:1	dwg no		sheet 4 of 6	size
				enrg	SLLIM	060907			10073872		A4	
				chr	SLLIM	060907						
				appd	JOEY NG	060908						
sheet index		revision sheet										

PDM: Rev:C

STATUS:Released

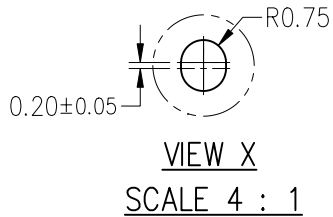
Printed: Jan 29, 2009



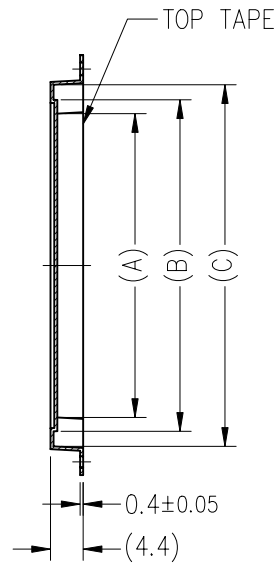
24mm WIDTH CARRIER TAPE

10	HFW10R-1STE1MTLF	10.5	14.2	18.2	25.5	24
9	HFW9R-1STE1MTLF	9.5	13.2	17.2		
8	HFW8R-1STE1MTLF	8.5	12.2	16.2		
7	HFW7R-1STE1MTLF	7.5	11.2	15.5		
6	HFW6R-1STE1MTLF	6.5	10.2	14.2		
5	HFW5R-1STE1MTLF	5.5	9.2	13.2		
4	HFW4R-1STE1MTLF	4.5	8.2	12.2	D±1mm REEL CORE	CARRIER TAPE WIDTH
CIRCUIT	CATALOG NO.	(A)	(B)	(C)		

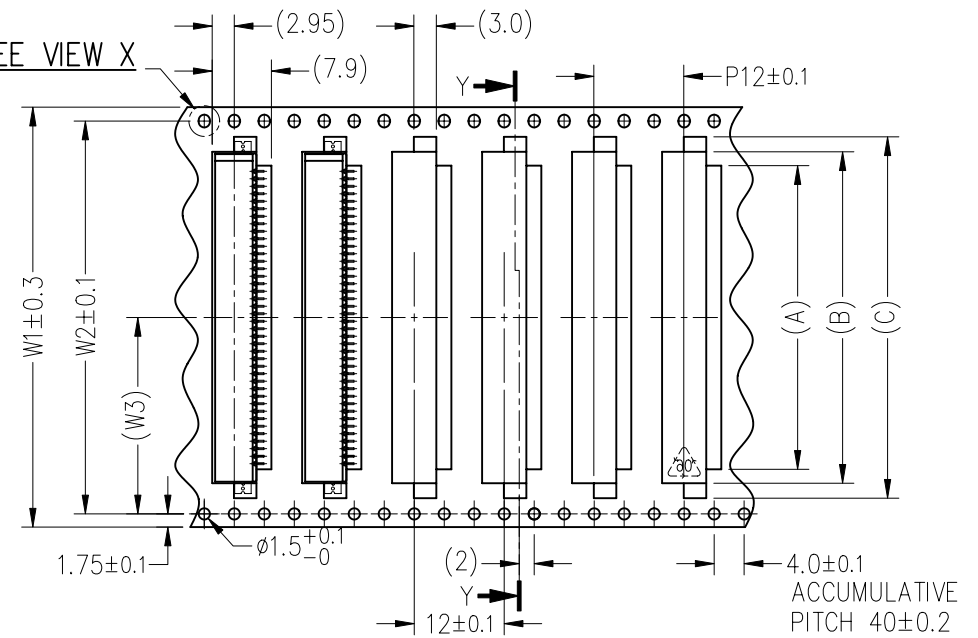
mat'l. code				tolerances unless otherwise specified			projection	product family FFC/FPC		
ltr	ecn no	dr	date	angles	linear	-----	mm	title 1mm SPACING SMT FPC/FFC CONNECTOR		
c				x°±2°	dr	.XX±.20				
					SLLIM	060907	scale 4:1	dwg no 10073872		
					SLLIM	060907				
					SLLIM	060907	FCI	sheet 5 of 6		
					appd	JOEY NG 060908				
sheet index	revision sheet							type Product Customer Drawing		



SECTION Y-Y



SEE VIEW X



PULL OUT DIRECTION



32mm, 44mm, & 56mm WIDTH CARRIER TAPE

30	HFW30R-1STE1MTLF	30.5	34.2	38.2	57.5	56	52.4	26.2
29	HFW29R-1STE1MTLF	29.5	33.2	37.2				
28	HFW28R-1STE1MTLF	28.5	32.2	36.2				
27	HFW27R-1STE1MTLF	27.5	31.2	35.2	45.5	44	40.4	20.2
26	HFW26R-1STE1MTLF	26.5	30.2	34.2				
25	HFW25R-1STE1MTLF	25.5	29.2	33.2				
24	HFW24R-1STE1MTLF	24.5	28.2	32.2				
23	HFW23R-1STE1MTLF	23.5	27.2	31.2				
22	HFW22R-1STE1MTLF	22.2	26.2	30.2				
21	HFW21R-1STE1MTLF	21.5	25.2	29.2				
20	HFW20R-1STE1MTLF	20.5	24.2	28.2				
19	HFW19R-1STE1MTLF	19.5	23.2	27.2				
18	HFW18R-1STE1MTLF	18.5	22.2	26.2				
17	HFW17R-1STE1MTLF	17.5	21.2	25.2	33.5	32	28.4	14.2
16	HFW16R-1STE1MTLF	16.5	20.2	24.2				
15	HFW15R-1STE1MTLF	15.5	19.2	23.2				
14	HFW14R-1STE1MTLF	14.5	18.2	22.2				
13	HFW13R-1STE1MTLF	13.5	17.2	21.2				
12	HFW12R-1STE1MTLF	12.5	16.2	20.2				
11	HFW11R-1STE1MTLF	11.5	15.2	19.2	D±1mm REEL CORE	W1	W2	(W3)
CIRCUIT	CATALOG NO.	(A)	(B)	(C)		CARRIER TAPE		

mat'l. code				tolerances unless otherwise specified			projection	product family		
ltr	ecn no	dr	date	angles	linear	mm	mm	FFC/FPC		
c				x'±2°		.XX±.20	scale 4:1	title		
				dr	SLLIM	060907		1mm SPACING SMT		
				enr	SLLIM	060907		FPC/FFC CONNECTOR		
				chr	SLLIM	060907		dwg no		
				appd	JOEY NG	060908		sheet 6 of 6		
sheet index		revision	sheet					size		
								10073872		
								A4		
								type		
								Product Customer Drawing		