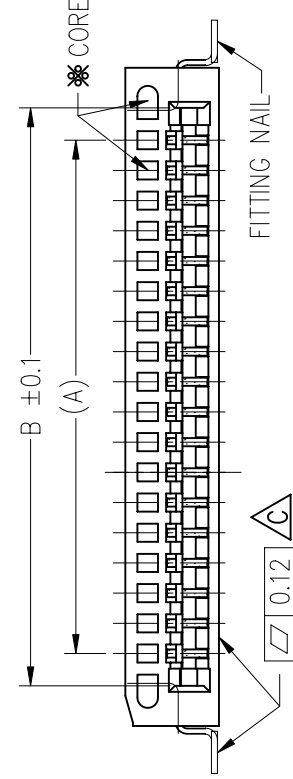
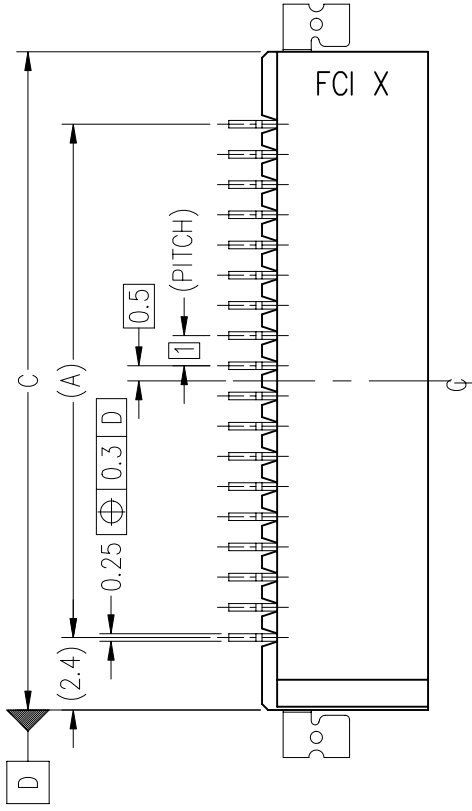


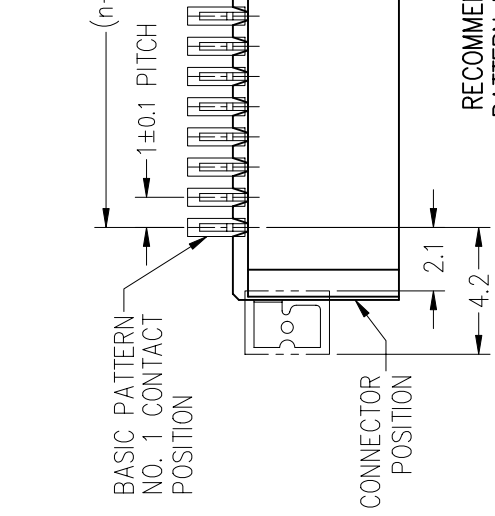
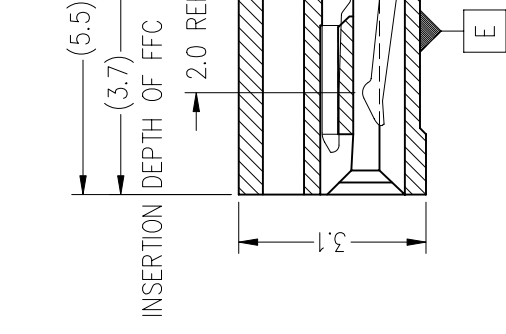


**THE DATASHEET OF  
HFW23R-1STE1MTLF**

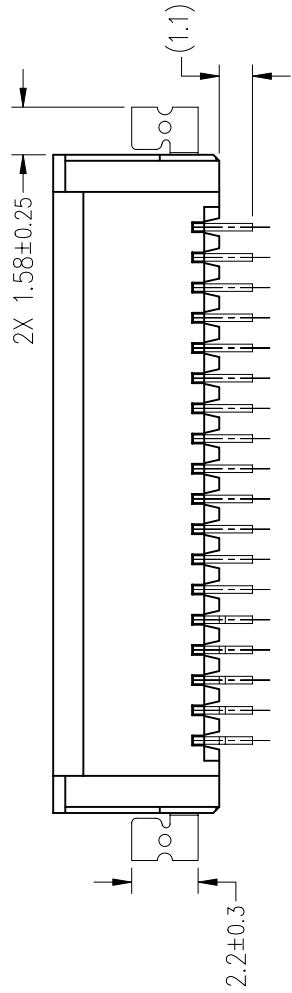




(FLATNESS OF CONTACT TERMINAL AND MOUNTING PLATE)  
 MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM DATUM E  
 : UPPER DIRECTION .10 MAX. , LOWER DIRECTION 0.15 MAX.  
 \* <<ALTERNATE CORE AND RIB CONSTRUCTION, NON-FUNCTION,  
 AND OR FOR PLASTIC MOLDING PROCESS PURPOSE>>



RECOMMENDED PATTERN (MOUNTING)



Copyright FCI

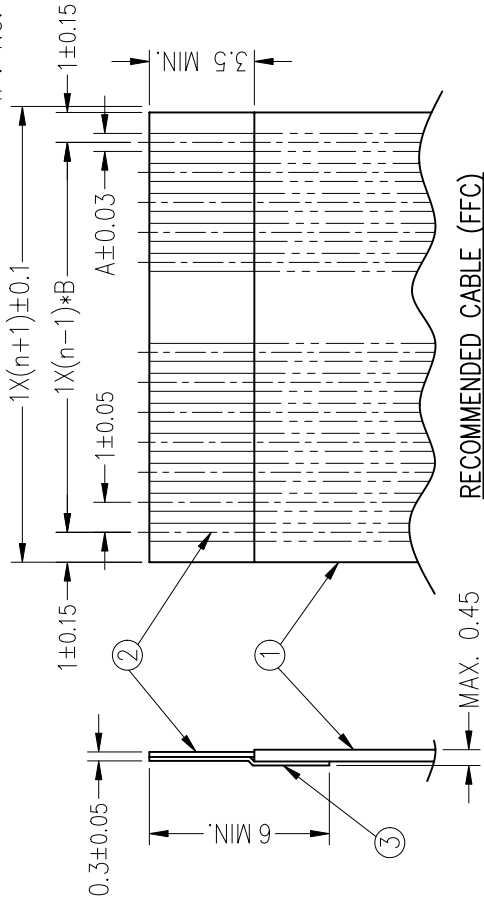
mat'l. code		tolerances otherwise		inches	
ltr	ecm no	dr	date	angles	
A	S07-0203	SLLIM	070615		
B	S07-0450	SLLIM	071226	X±2°	
C	S08-0180	SLLIM	080819	dr	SLLI
				enrg	SLLI
				chr	SLLI
				appd	JOEY
sheet index	revision sheet	C	C	C	C
		1	2	3	4

RECOMMENDED THICK 0.1

form: A4

PDM: Rev: C

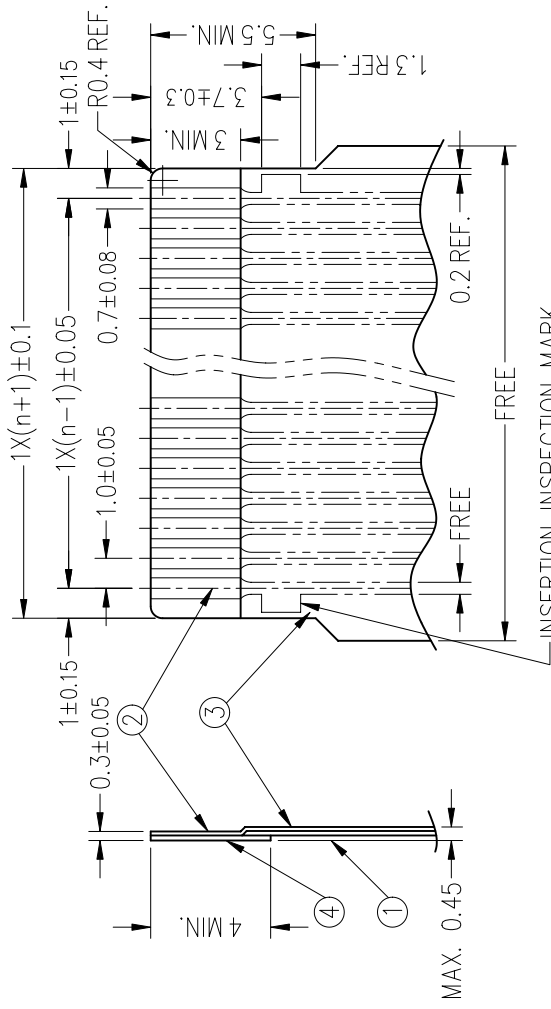
n : NO. OF CONDUCTORS



**RECOMMENDED CABLE (FFC)**

**NOTES:**

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



**RECOMMENDED CABLE (FPC)**

**RECOMMEN**

PART NO.	DESCRIPTION	FLAME OR EQ	COPPE	FLAME OR EQ
1	INSULATOR			
2	CONDUCTOR			
3	SUPPORTING TAPE			

**RECOMMEN**

PART NO.	DESCRIPTION	(P
1	BASE FILM	
2	CONDUCTOR	
3	OVERLAY	
4	SUPPORTING TAPE	

mat'l. code		tolerances otherwise s	
l	ecn no	dr	date
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		angles	linear
		X±2'	
		dr	SLLIN
		engr	SLLIN
		chr	SLLIN
		appd	JOEY
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	

A



B



C

Copyright F



D

### NOTES

- THIS PRODUCT IS THE CONNECTOR AND COPELS WITH AUTOMATIC MOUNTING.
- MISALIGNMENT OF SOLDER TAIL : UPPER DIRECTION 0.10 MAX.
- THIS PRODUCT IS LOWER CONTACT.
- THIS PRODUCT IS MEETS EUROPEAN REGULATIONS AS DESCRIBED IN THE HOUSING WILL WITHSTAND 10 SECONDS IN A REFLOW SOLDER BATH.
- THIS PRODUCT IS LOWER CONTACT.
- THIS CATALOG NO. INDICATES THE PART NO.

mat'l. code		tolerances otherwise specified	
ltr	ecn no	dr	date
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		angles	linear
		X±Z	
		dr	SLLIN
		engr	SLLIN
		chr	SLLIN
		appd	JOEY
	sheet index	revision sheet	

form: A4

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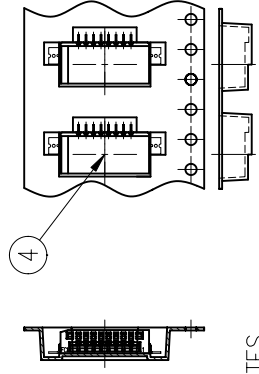
341

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343

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

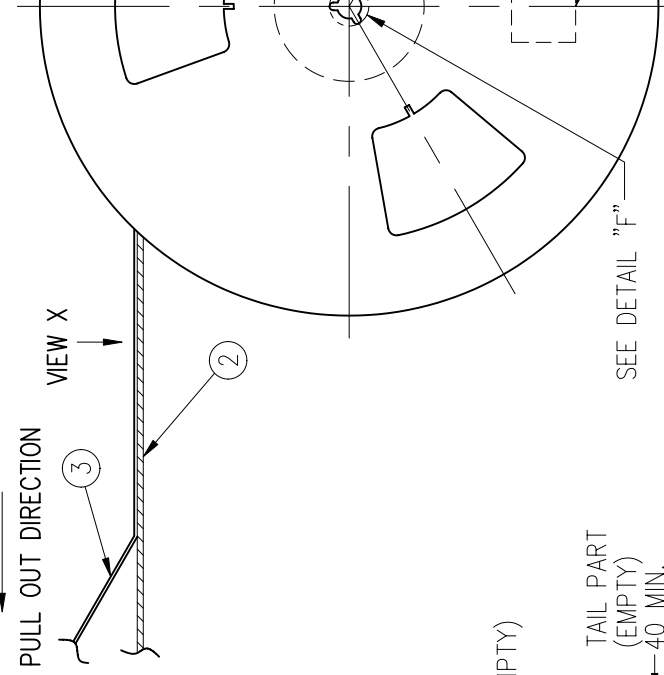
A



NOTES

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

UNLESS OTHERWISE SPECIFIED: ±5, ANGLE ±5°  
TOLERANCES



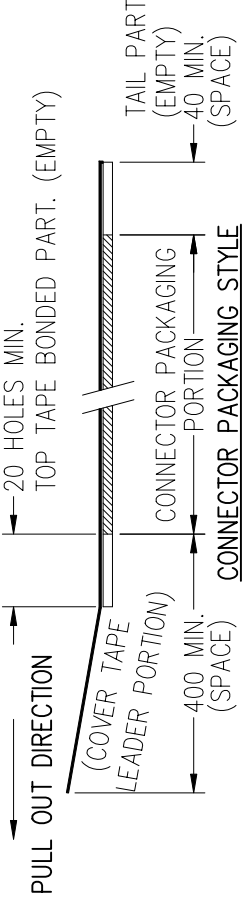
SCALE 1 : 4

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Fconnect.com

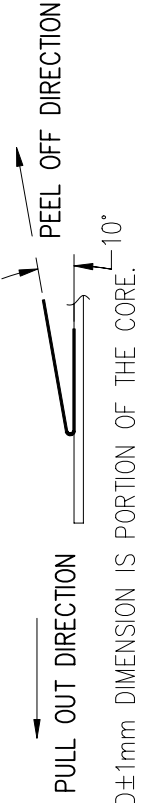


C



Copyright Fc

4. 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.



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

form: A4

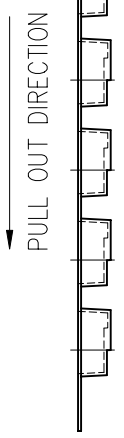
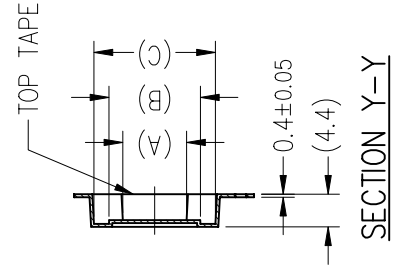
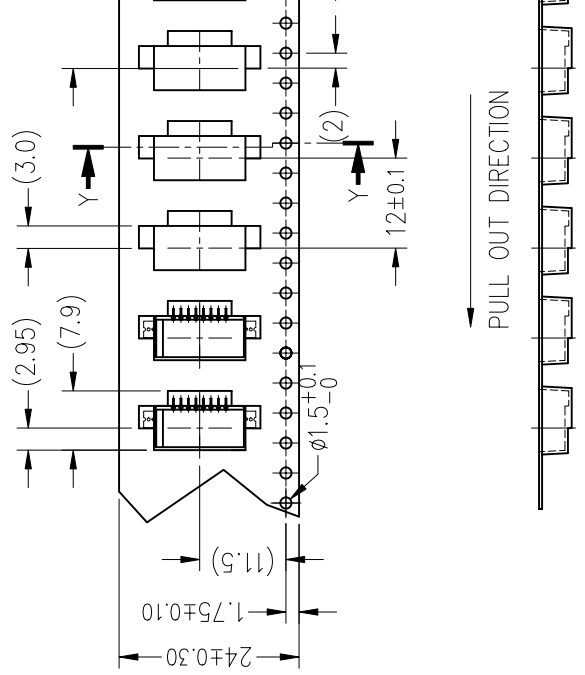
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mat'l. code		tolerances, otherwise s	
ltr	ecn no	dr	date
C			
		angles	linear
		----	----
		dr	SLLIN
		engr	SLLIN
		chr	SLLIN
		appd	JOEY
	sheet	revision	
	index	sheet	

PDM: Rev:C



**24mm WIDTH CARRIER TAPE**

10	HF <del>W</del> 10R-1STE1MTLF	10.5	14.2	18.2	25.5	24	CARRIER TAPE REEL CORE WIDTH
9	HF <del>W</del> 9R-1STE1MTLF	9.5	13.2	17.2			
8	HF <del>W</del> 8R-1STE1MTLF	8.5	12.2	16.2			
7	HF <del>W</del> 7R-1STE1MTLF	7.5	11.2	15.5			
6	HF <del>W</del> 6R-1STE1MTLF	6.5	10.2	14.2			
5	HF <del>W</del> 5R-1STE1MTLF	5.5	9.2	13.2			
4	HF <del>W</del> 4R-1STE1MTLF	4.5	8.2	12.2	D±1mm		
CIRCUIT	CATALOG NO.	(A)	(B)	(C)	21		

mat'l. code		tolerances otherwise s	
ltr	ecn no	dr	date
C			
		angles	linear
		X±2'	dr
		engr	SLLIN
		chr	SLLIN
		appd	JOEY
sheet index	revision sheet		

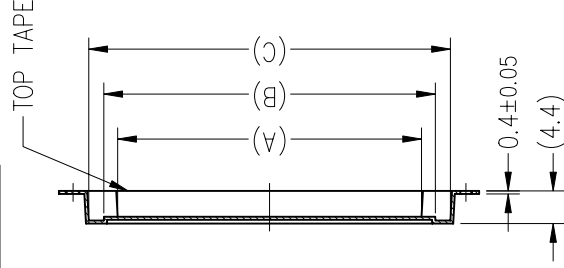
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**PDM: Rev: C**

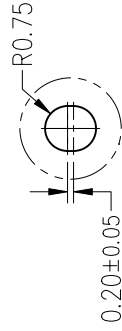


SECTION Y-Y



VIEW X

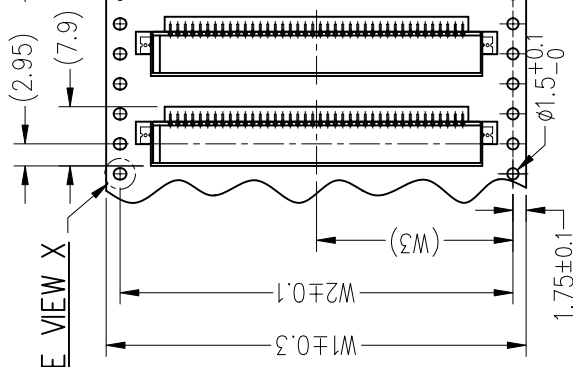
SCALE 4 : 1



30	HF $\overline{W}$ 30R-1STE1MTLF	30.5	34.2	38.2	57.5	56	52.4	26.2
29	HF $\overline{W}$ 29R-1STE1MTLF	29.5	33.2	37.2	45.5	44	40.4	20.2
28	HF $\overline{W}$ 28R-1STE1MTLF	28.5	32.2	36.2				
27	HF $\overline{W}$ 27R-1STE1MTLF	27.5	31.2	35.2	33.5	32	28.4	14.2
26	HF $\overline{W}$ 26R-1STE1MTLF	26.5	30.2	34.2				
25	HF $\overline{W}$ 25R-1STE1MTLF	25.5	29.2	33.2				
24	HF $\overline{W}$ 24R-1STE1MTLF	24.5	28.2	32.2				
23	HF $\overline{W}$ 23R-1STE1MTLF	23.5	27.2	31.2				
22	HF $\overline{W}$ 22R-1STE1MTLF	22.2	26.2	30.2				
21	HF $\overline{W}$ 21R-1STE1MTLF	21.5	25.2	29.2				
20	HF $\overline{W}$ 20R-1STE1MTLF	20.5	24.2	28.2				
19	HF $\overline{W}$ 19R-1STE1MTLF	19.5	23.2	27.2				
18	HF $\overline{W}$ 18R-1STE1MTLF	18.5	22.2	26.2				
17	HF $\overline{W}$ 17R-1STE1MTLF	17.5	21.2	25.2				
16	HF $\overline{W}$ 16R-1STE1MTLF	16.5	20.2	24.2	D±1mm REEL CORE	W1	W2	(W3)
15	HF $\overline{W}$ 15R-1STE1MTLF	15.5	19.2	23.2				
14	HF $\overline{W}$ 14R-1STE1MTLF	14.5	18.2	22.2				
13	HF $\overline{W}$ 13R-1STE1MTLF	13.5	17.2	21.2				
12	HF $\overline{W}$ 12R-1STE1MTLF	12.5	16.2	20.2				
11	HF $\overline{W}$ 11R-1STE1MTLF	11.5	15.2	19.2	CARRIER TAPE	W1	W2	(W3)
CIRCUIT	CATALOG NO.	(A)	(B)	(C)				

form: A4

SEE VIEW X



32mm, 44mm, &

mat'l. code		date		tolerances otherwise s	
ltr	ecn no	dr	date	angles	linear
C				X±2	
				dr	SLLIN
				engr	SLLIN
				chr	SLLIN
				appd	JOEY
	sheet index	revision sheet			

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D



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## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View HFW23R-1STE1MTLF on WIN SOURCE](#)
-  [Amphenol FCI Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management