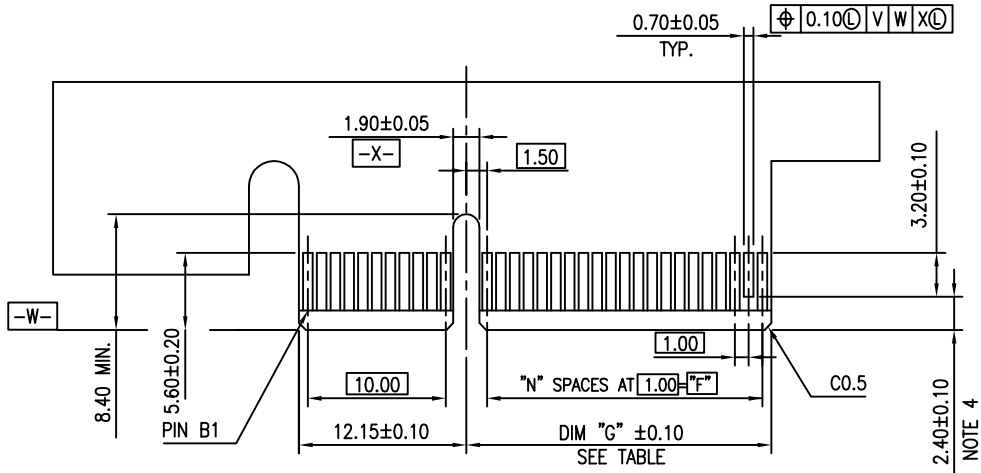


HOLD DOWN TYPE

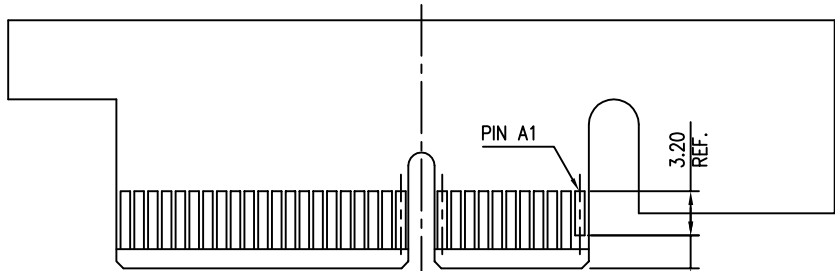
Amphenol FCI

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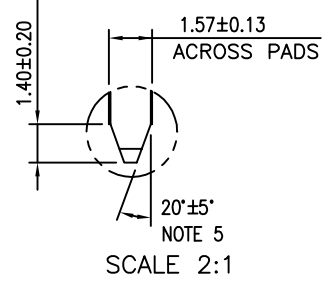
mat'l. code				surface 58/ISO 1302		tolerance ISO 406 ISO 101		projection		product family		
-				✓		ISO 406 ISO 101		101		PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified						title		
L	ELX-DG-21161-1	ST	2015/05/27	angles	linear		.X±.3		MM	PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)		
M	ELX-DG-24164	ZH	2016/06/01				.XX±.20					
N	ELX-DG-25671-1	ZH	2016/12/19		0°±2°		XXX±.10					
P	ELX-DG-27937	ZH	2017/09/12	dr	WINSTON_ZHU	2022-05-26	Amphenol FCI		dwg no		sheet 1 of 6	size
R	--	ZH	2018/05/23	engr	ZHENHUA_LIU	2022-05-26			10061913		A4	
S	--	ZH	2018/12/04	chr	/	/			type		CUSTOMER Drawing	
				appd	HEAVEN_CEN	2022-05-26						
sheet index		revision		S								
		sheet										



← I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION →  
SECONDARY (SOLDER) SIDE



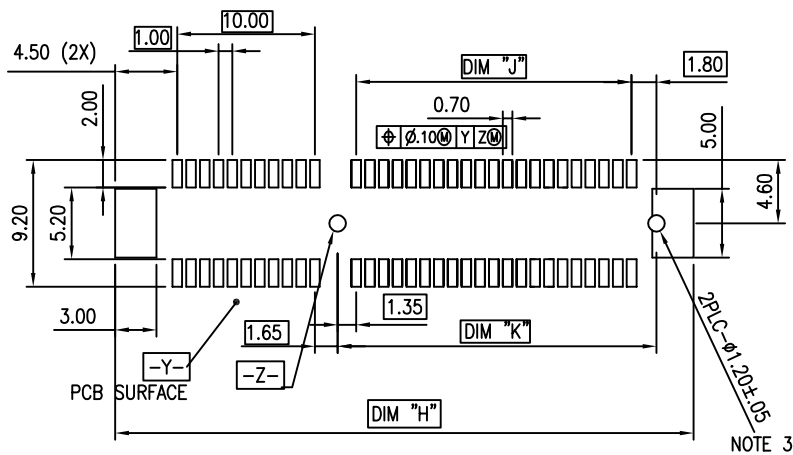
#	POS	REF.	N	DIM "G"	DIM "F"	"F"
36	6		8.15	6.00	B17	
64	20		22.15	20.00	B31	
98	37		39.15	37.00	B48	
164	70		72.15	70.00	B81	

ADD-IN CARD EDGE-FINGER DIMENSIONS

mat'l. code		surface 58/ISO 1302		tolerance ISO 406 ISO 101		projection		product family	
-		✓		ISO 406 ISO 101		101		PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
				angles	linear	.X±.2	MM	PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)	
				0°±2°		.XX±.13			
				dr	WINSTON_ZHU	2022-05-26	scale 2	dwg no sheet 2 of 6 size	
				engr	ZHENHUA_LIU	2022-05-26		10061913 A4	
				chr	/	/		type CUSTOMER Drawing	
				appd	HEAVEN_CEN	2022-05-26			
sheet index	revision	S							
	sheet								

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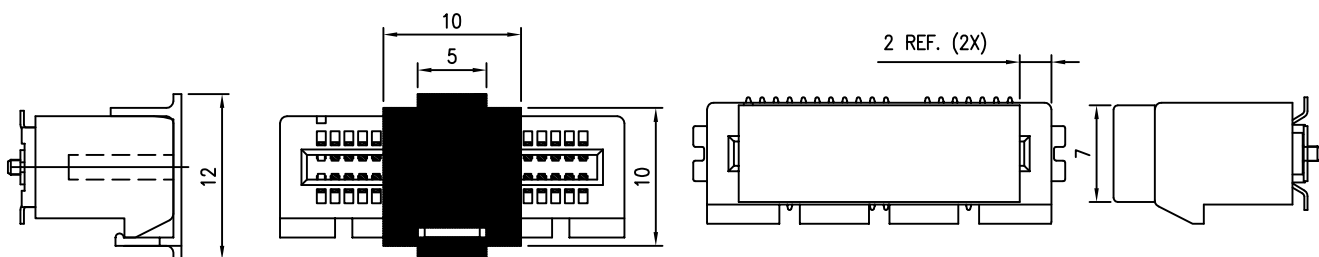


RECOMMENDED PCB LAYOUT, PAD TYPE

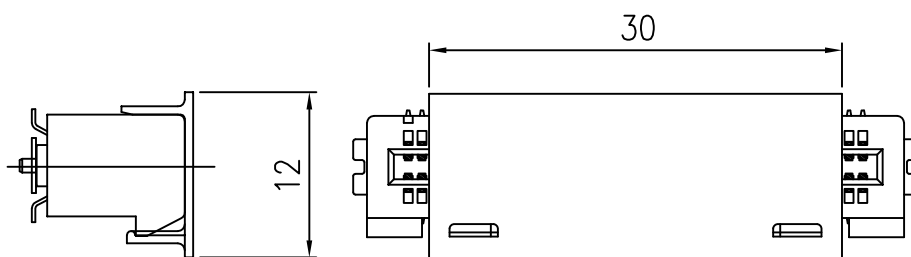
DIMENSIONS								
POSITION	A	B $\pm 0.15$ $-0.05$	C $\pm 0.20$	D $\pm 0.23$	E $\pm 0.20$	H $\pm 0.10$	J	K $\pm 0.10$
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

POSTION OF CAP

POSTION OF DUMMY CARD



POSTION OF CUSTOMIZED CAP(30X12)



Amphenol  
FCi

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mat'l. code		surface 58/ISO 1302		tolerance ISO 406 ISO 101		projection		product family	
-		✓		ISO 406 ISO 101		MM		PCI_EXPRESS	
ltr	ecn no	dr	date	tolerances unless otherwise specified				title	
				angles		linear		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)	
				.X±.2		MM			
				.XX±.13		scale 2			
				0°±2'					
		dr	WINSTON_ZHU	2022-05-26		Amphenol FCi		dwg no sheet 3 of 6 size	
		enr	ZHENHUA_LIU	2022-05-26				10061913 A4	
		chr	/	/					
		appd	HEAVEN_CEN	2022-05-26				type CUSTOMER Drawing	
sheet index	revision	S							
	sheet								

NOTES:

1.MATERIAL:

HOUSING: NYLON, GLASS FILLED UL94V-0 RATE, SUITABLE FOR I.R SOLDERING.

TERMINAL: COPPER ALLOY

PLATING: 50u" NICKEL UNDERPLATE ALL OVER CONTACT AREA PLATING - SEE PRODUCT NUMBER CODE SOLDER TAIL: TIN 100u" OVER 50u" NICKEL

METAL PADS: COPPER ALLOY FINISH: 100u" TIN OVER 50u" NICKEL

2.PRODUCT SPECIFICATION: GS-12-390

③THE HORIZONTAL AXIS FOR THE PAD PATTERN IS ESTABLISHED BY A LINE THROUGH THE CENTER OF THE TWO Ø1.0 HOLES. THE VERTICAL AXIS IS 90° TO THE HORIZONTAL AXIS, THROUGH THE CENTER OF DATUM [-Z-]

④NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1.

⑤CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.

6.RoHS COMPATIBLE PRODUCT SPECIFICATIONS

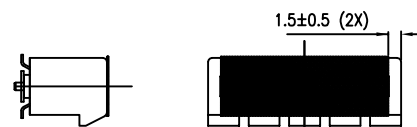
a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE

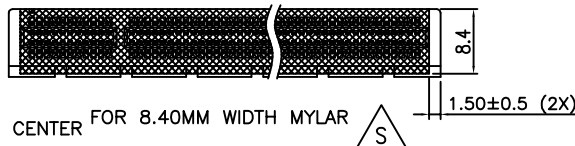
b - MANUFACTURING PROCESS COMPATIBILITY

- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C±5°C PEAK TEMPERATURE FOR 5 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

7.A S SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING REVISION.



POSITION OF MYLAR



FOR 8.40MM WIDTH MYLAR



POSITION OF MYLAR (10061613-XX3WLF)

PRODUCT NUMBER CODE

10061913-X X X X L F

LEAD FREE

HOUSING COLOR OPTIONS

- 0-WHITE
1-BLACK

PACKAGING OPTIONS

- T-TRAY PACKAGING WITHOUT CAP
C-TRAY PACKAGING WITH CAP
N-TRAY PACKAGING WITH MYLAR
G-TRAY PACKAGING WITH DUMMY CARD
R-TAPE & REEL PACKAGING WITHOUT CAP OR MYLAR (FOR 36P & 64P & 98P OPTIONS ONLY)
P-TAPE & REEL PACKAGING WITH CAP (FOR 36P & 64P & 98P OPTIONS ONLY)
Q-TAPE & REEL PACKAGING WITH CAP (24MM PITCH FOR 98P ONLY)
M-TAPE & REEL PACKAGING WITH MYLAR (FOR 36P & 64P OPTIONS ONLY)
J-TAPE & REEL PACKAGING WITH MYLAR (24MM PITCH FOR 98P & 164P ONLY)
A-44MM WIDTH TAPE&REEL PACKING WITH MYLAR(FOR 36P ONLY)
Y-HARD TRAY(338x234) (FOR 36P, 98P & 164P OPTION ONLY)
Z-HARD TRAY(338x234) WITH MYLAR (FOR 36P, 98P & 164P OPTION ONLY)
B-HARD TRAY(338x234) WITH CAP (FOR 36P, 98P & 164P OPTION ONLY)
U-HARD TRAY(338x234) WITH 8.40MM WIDTH MYLAR (FOR 164P ONLY)
H-CUSTOMIZED HARD TRAY(330x235x19.3) WITH 30mm CUSTOMIZED CAP (FOR 98 & 164P OPTION ONLY)
D-SMALLER HARD TRAY WITH CHAMFER AT LEFT-BOTTOM SIDE (323x136x19)WITH 30mm CAP(FOR 164P ONLY)
F-SMALLER HARD TRAY WITH CHAMFER AT LEFT-BOTTOM SIDE (323x136x19) (FOR 164P ONLY)
L-CUSTOMIZED HARD TRAY(298x185x19.3) WITH CAP (FOR 164P OPTION ONLY)
S-CUSTOMIZED HARD TRAY(322.6x135.9x16.5) WITHOUT CAP OR MYLAR (FOR 36P& 98P OPTION)

TERMINAL PLATING OPTIONS

- 0-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
1-50u" Ni UNDERPLATE
15u" Au CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
2-50u" Ni UNDERPLATE
GOLD FLASH CONTACT AREA
100u" TIN TAIL AREA ----- COMPATIBLE RoHS
3-50u" Ni UNDERPLATE
30u" Au CONTACT AREA
GOLD FLASH TAIL AREA ----- COMPATIBLE RoHS

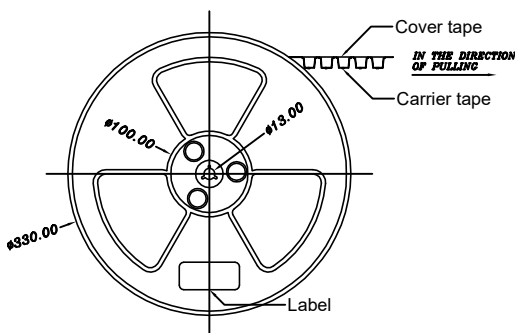
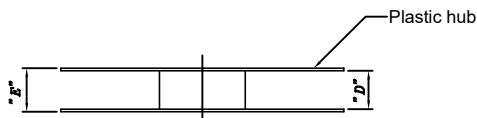
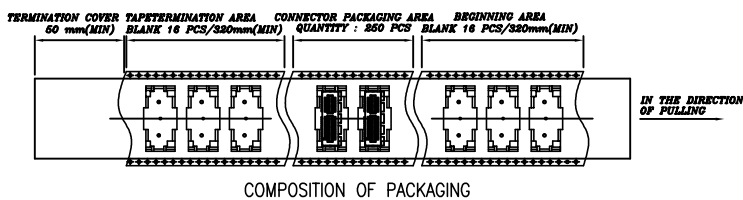
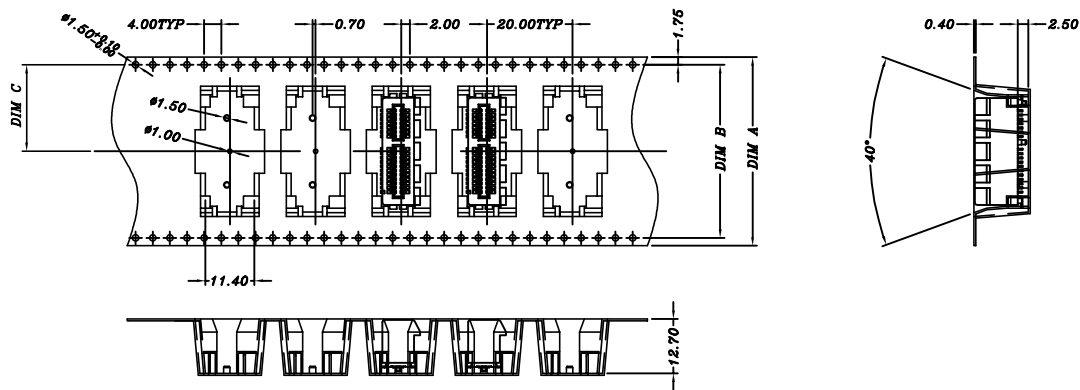
POS OPTIONS

- 0-36
1-64
2-98
3-164

Amphenol FCI

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Table with columns for mat'l. code, surface, tolerance, projection, product family, title, and drawing information. Includes Amphenol FCI logo and drawing type 'CUSTOMER Drawing'.



TAPE AND REEL  
 PACKING  
 RECOMMENDED FOR  
 36PINS ONLY

DIMENSIONS					
POSITIONS	A	B	C	D REF.	E REF.
36 (10061913-xxxALF)	44.00	40.40	20.20	44.5	50.5
36	56.00	52.60	26.30	56.4	60.4
64	56.00	52.60	26.30	56.4	60.4
98	88.00	79.60	39.80	88.4	92.4

Amphenol  
 FCI

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mat'l. code		surface 58/ISO 1302		tolerance ISO 406 ISO 101		projection		product family PCI_EXPRESS				
ltr	ecn no	dr	date	tolerances unless otherwise specified				MM	title PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)			
				angles	linear	.X±.3	scale 1		dwg no		sheet 5 of 6	size
				0°±2'		.XX±.20		Amphenol FCI	10061913			A4
				dr	WINSTON_ZHU	2022-05-26	type		CUSTOMER Drawing			
				engr	ZHENHUA_LIU	2022-05-26						
				chr	/	/						
				appd	HEAVEN_CEN	2022-05-26						
sheet index	revision sheet	s										

1 For PCI EXPRESS SMT TYPE 36P ONLY.

2. Material :

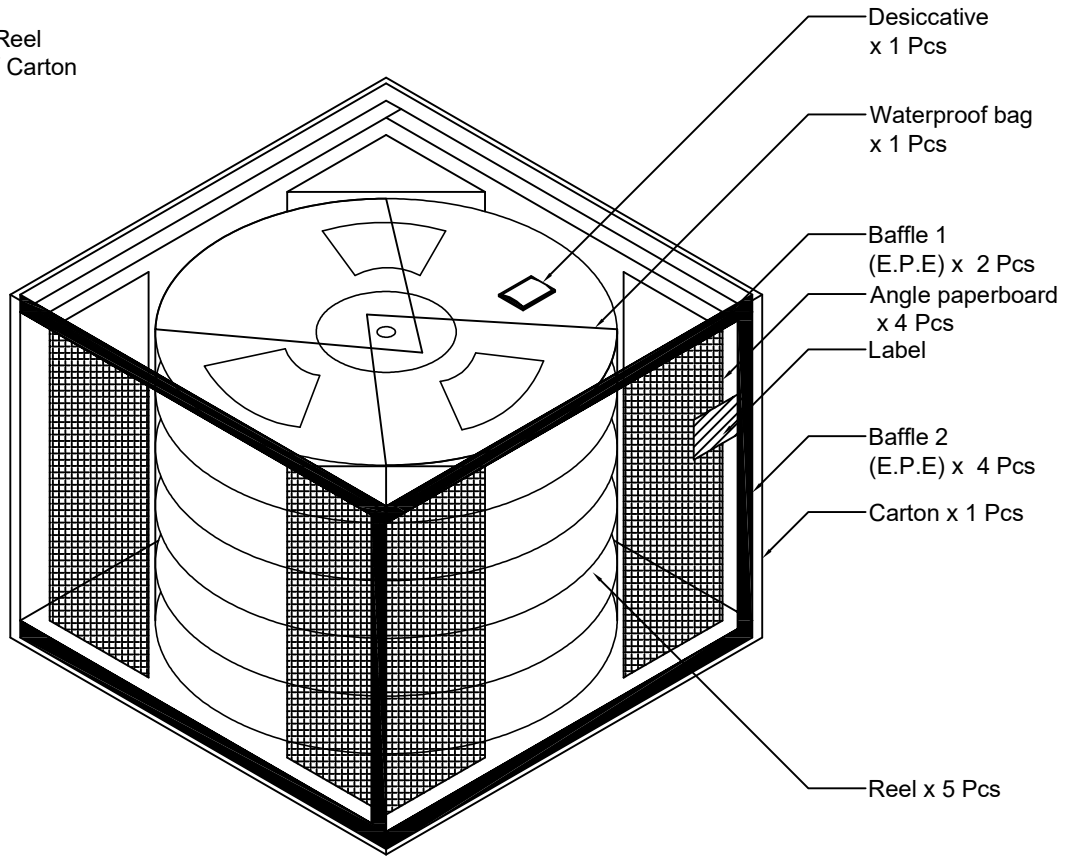
- 2.1 Reel :
  - 2.1.1 Plastic hub : High Impact Polystyrene
  - 2.1.2 Cover tape : PE
  - 2.1.3 Carrier tape : ABS
- 2.2 Waterproof bag : PE
- 2.3 Desiccative : Silica Gel
- 2.4 Carton : Corrugated paper
- 2.5 Baffle : E.P.E
- 2.6 Angle paperboard : Corrugated paper

3. Dimension :

- 3.1 Reel :
  - 3.1.1 Plastic hub :  $\phi 330 \times T50.5$  mm
  - 3.1.2 Cover tape : 5690(L) x 37.4(W) mm
  - 3.1.3 Carrier tape : 5640(L) x 44(W)mm
- 3.2 Waterproof bag : 600(H) x 465(W) x 0.06(T) mm
- 3.3 Desiccative : 25 gram / Package
- 3.4 Carton : 380(L) x 380(W) x 300(H) mm
- 3.5 Baffle (1): 370(L) x 370(W) x 15(H) mm
- 3.6 Baffle (2): 355(L) x 252(W) x 15(H) mm
- 3.7 Angle paperboard : 252(H)

4. Quantity :

- 4.1 250 Pcs / Reel
- 4.2 1250 Pcs / Carton



Amphenol FCI

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mat'l. code		surface 58/ISO 1302		tolerance ISO 406 ISO 101		projection		product family		
-		✓				101		PCI_EXPRESS		
ltr	ecn no	dr	date	tolerances unless otherwise specified				title		
				angles	linear		MM		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)	
				0°±2'			scale 1			
		dr	WINSTON_ZHU	2022-05-26			dwg no		sheet 6 of 6	size
		enr	ZHENHUA_LIU	2022-05-26			10061913			A4
		chr	/	/						
		app	HEAVEN_CEN	2022-05-26						
sheet index	revision	S								
	sheet									