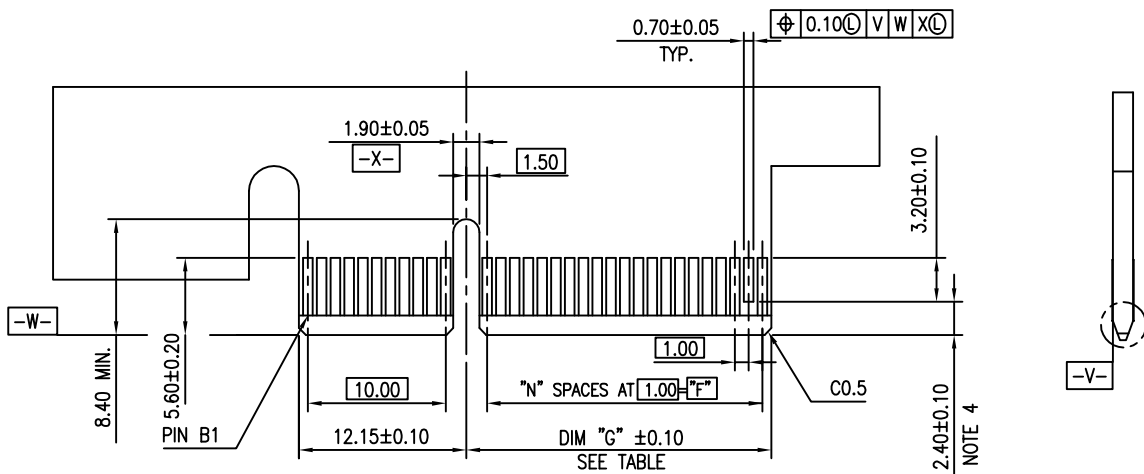


HOLD DOWN TYPE

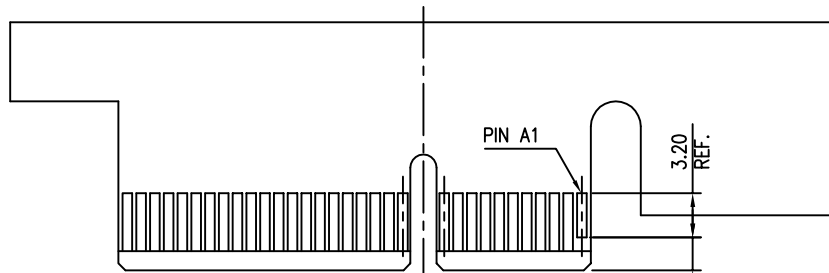
Amphenol FCI

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



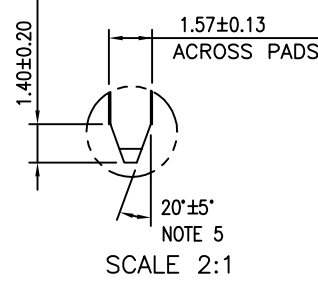
← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



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	

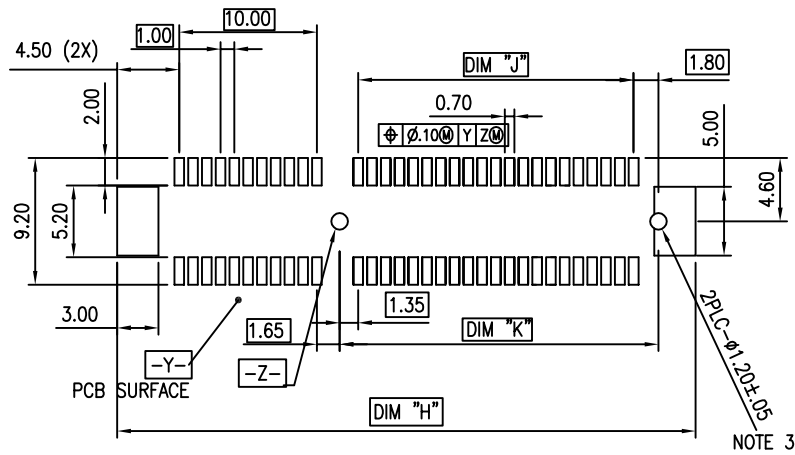
PIN "F" SEE TABLE



SCALE 2:1

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								

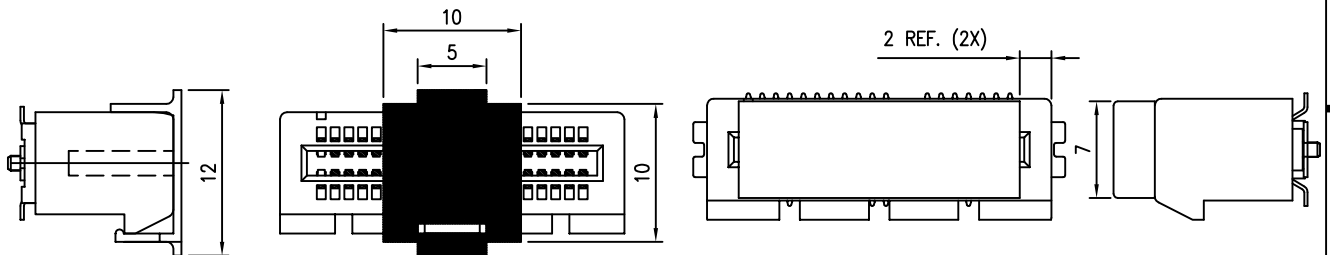


RECOMMENDED PCB LAYOUT, PAD TYPE

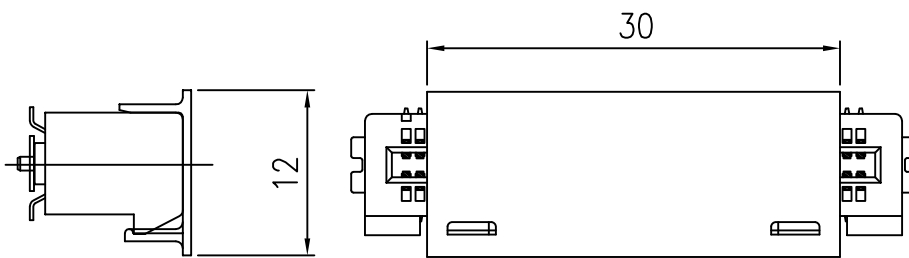
DIMENSIONS								
POSITION	A	B ± 0.15 -0.05	C ± 0.20	D ± 0.23	E ± 0.20	H ± 0.10	J	K ± 0.10
36	6.00	7.65	9.15	25.00	27.00	28.00	6.00	9.15
64	20.00	21.65	23.15	39.00	41.00	42.00	20.00	23.15
98	37.00	38.65	40.15	56.00	58.00	59.00	37.00	40.15
164	70.00	71.65	73.15	89.00	91.00	92.00	70.00	73.15

POSTION OF CAP

POSTION OF DUMMY CARD



POSTION OF CUSTOMIZED CAP(30X12)



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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	
				angles linear				PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)	
				.X±.2				MM	
				.XX±.13				scale 2	
				0°±2'				xxx±.05	
		dr	WINSTON_ZHU	2022-05-26		Amphenol FCI		dwg no sheet 3 of 6 size	
		enr	ZHENHUA_LIU	2022-05-26		10061913		A4	
		chr	/	/		type		CUSTOMER Drawing	
		appd	HEAVEN_CEN	2022-05-26					
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

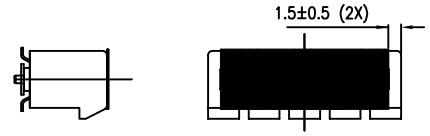
a - PLATING:

- "LF" MEANS THE PRODUCT IS LEAD-FREE

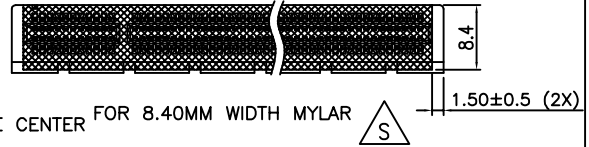
b - MANUFACTURING PROCESS COMPATIBILITY

- 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.

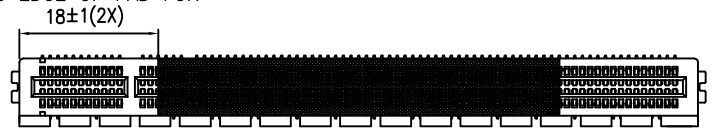
7.A S SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH CURRENT DRAWING REVISION.



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

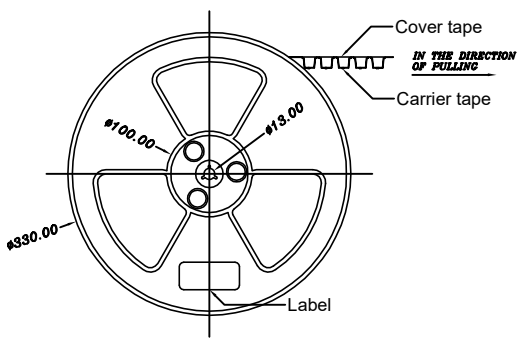
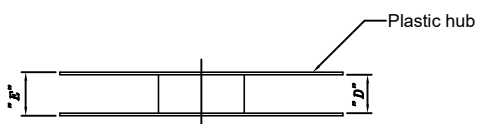
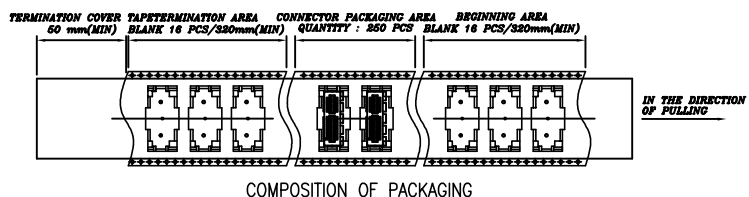
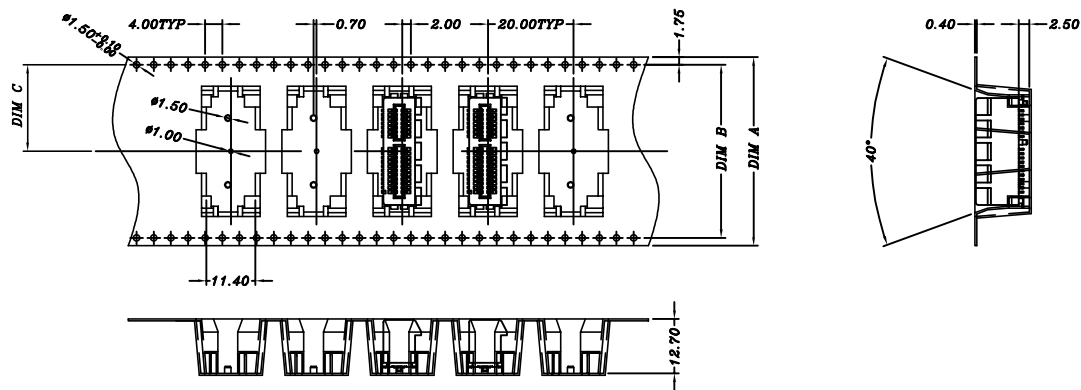
POS OPTIONS

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

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Table with columns for mat'l. code, surface, tolerance, projection, product family, title, angles, linear, scale, dwg no, sheet, size, type, revision, sheet.



TAPE AND REEL
 PACKING
 RECOMMENDED FOR
 36PINS ONLY

DIMENSIONS					
POSITIONS	A	B	C	D REF.	E REF.
36 (10061913-000ALF)	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

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		scale 1					
				0°±2'	XXX±.10			dwg no		sheet 5 of 6	size	
				dr	WINSTON_ZHU	2022-05-26	Amphenol FCI	10061913		A4		
				enr	ZHENHUA_LIU	2022-05-26		type		CUSTOMER Drawing		
				chr	/	/						
				app	HEAVEN_CEN	2022-05-26						
sheet index	revision sheet	s										



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1 For PCI EXPRESS SMT TYPE 36P ONLY.

2. Material :

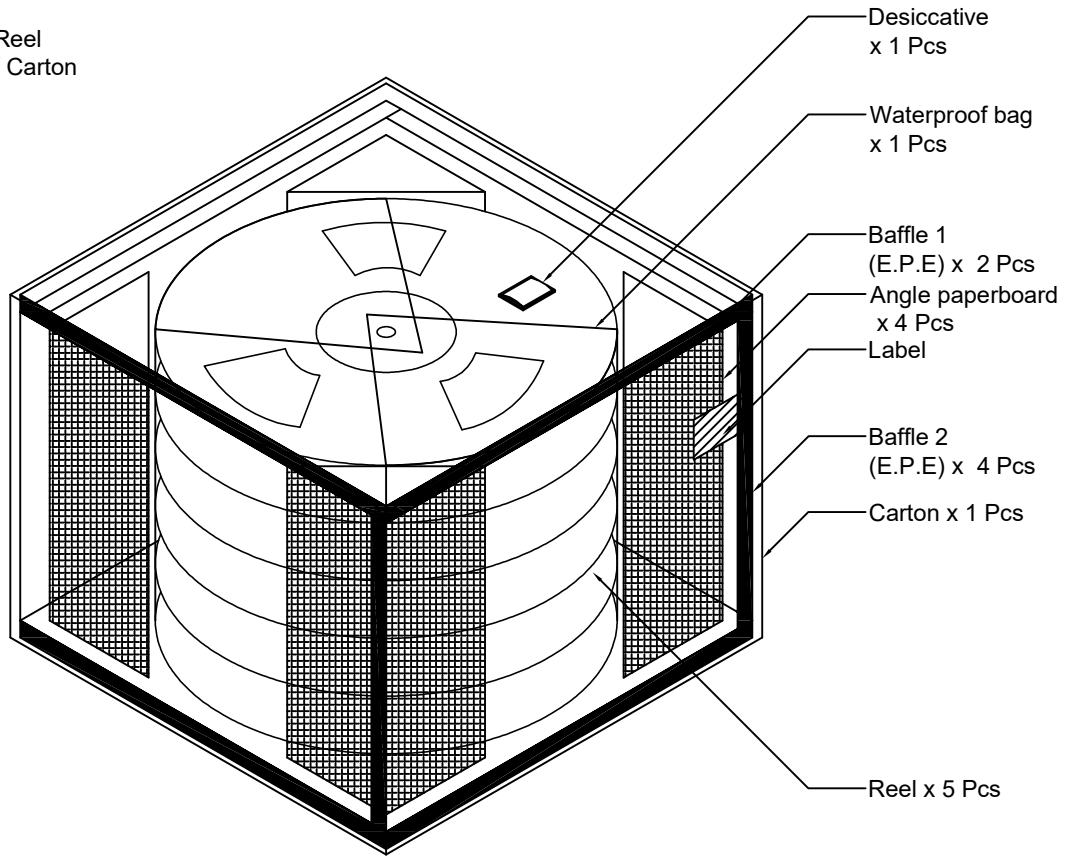
- 2.1 Reel :
 - 2.1.1 Plastic hub : High Impact Polystyrene
 - 2.1.2 Cover tape : PE
 - 2.1.3 Carrier tape : ABS
- 2.2 Waterproof bag : PE
- 2.3 Desiccative : Silica Gel
- 2.4 Carton : Corrugated paper
- 2.5 Baffle : E.P.E
- 2.6 Angle paperboard : Corrugated paper

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



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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	.X±.3		MM		PCI_EXPRESS_CARD_EDGE_GEN3 ASSEMBLY(SMT)		
				linear	.XX±.20						
				0°±2'	XXX±.10						
		dr	WINSTON_ZHU	2022-05-26	Amphenol FCI		dwg no		sheet 6 of 6	size	
		enr	ZHENHUA_LIU	2022-05-26			10061913		A4		
		chr	/	/							
		appd	HEAVEN_CEN	2022-05-26							
sheet index	revision sheet	S									