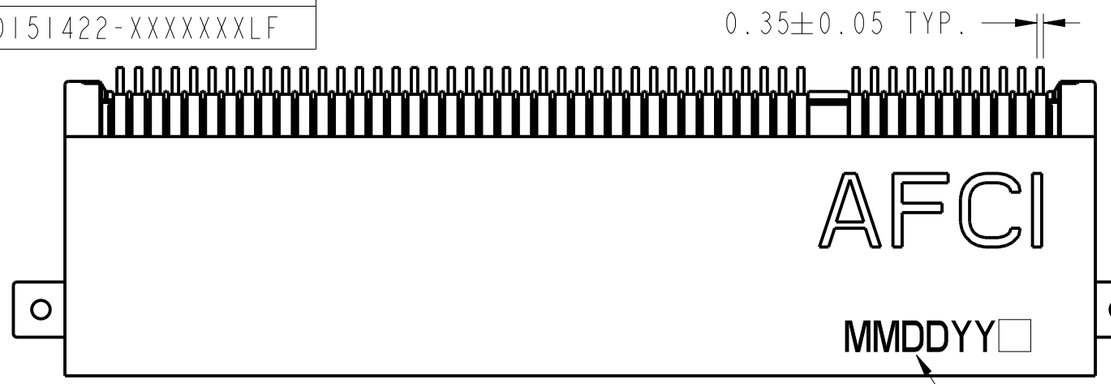
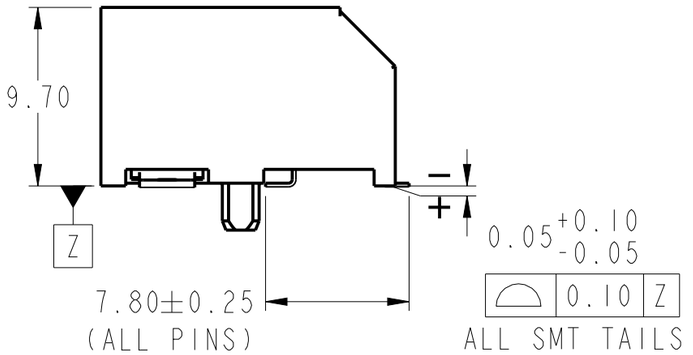
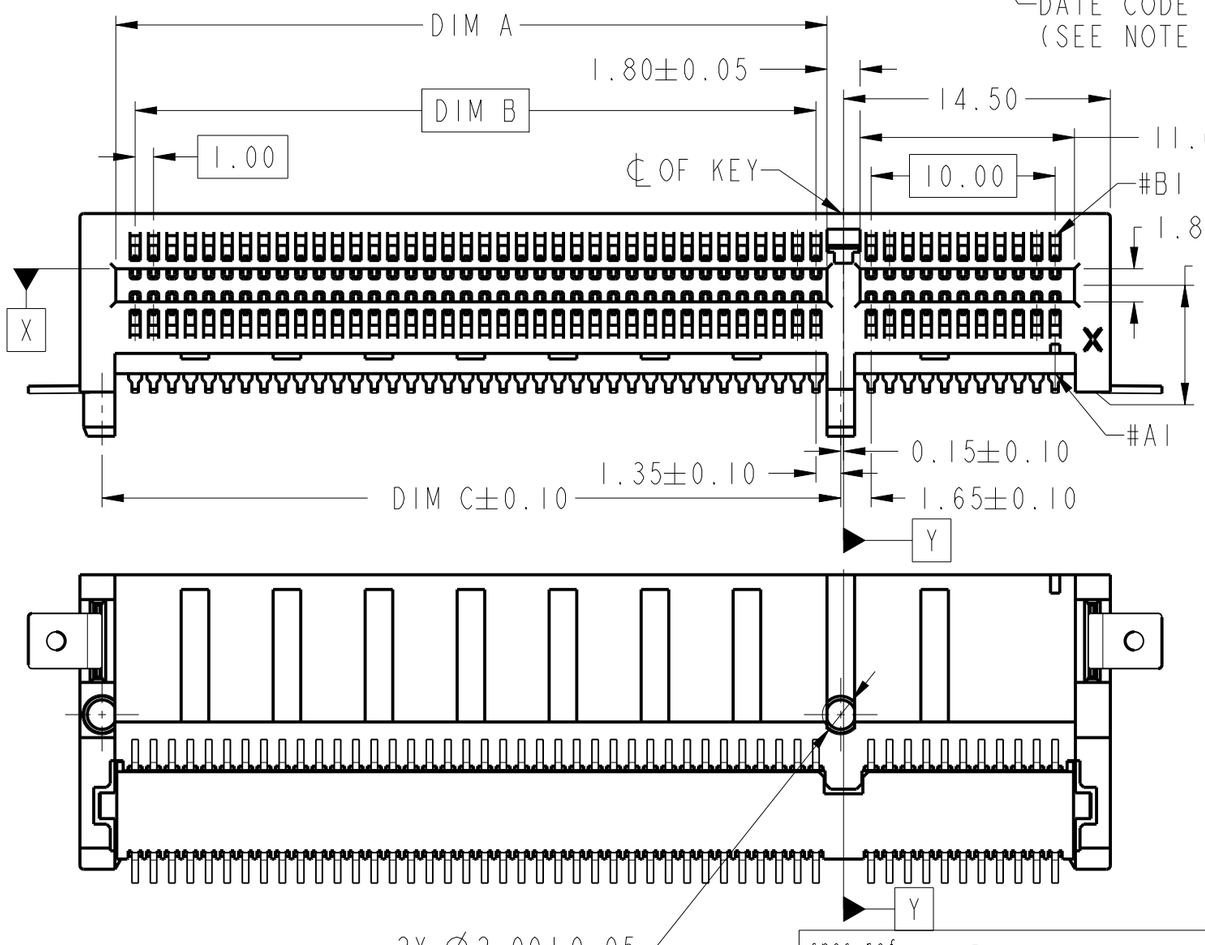
PRODUCT PART NUMBER
10151422-XXXXXXXLF







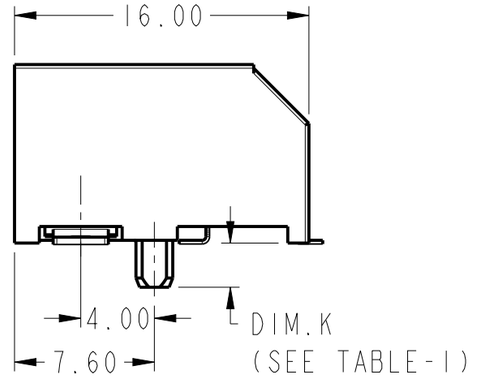


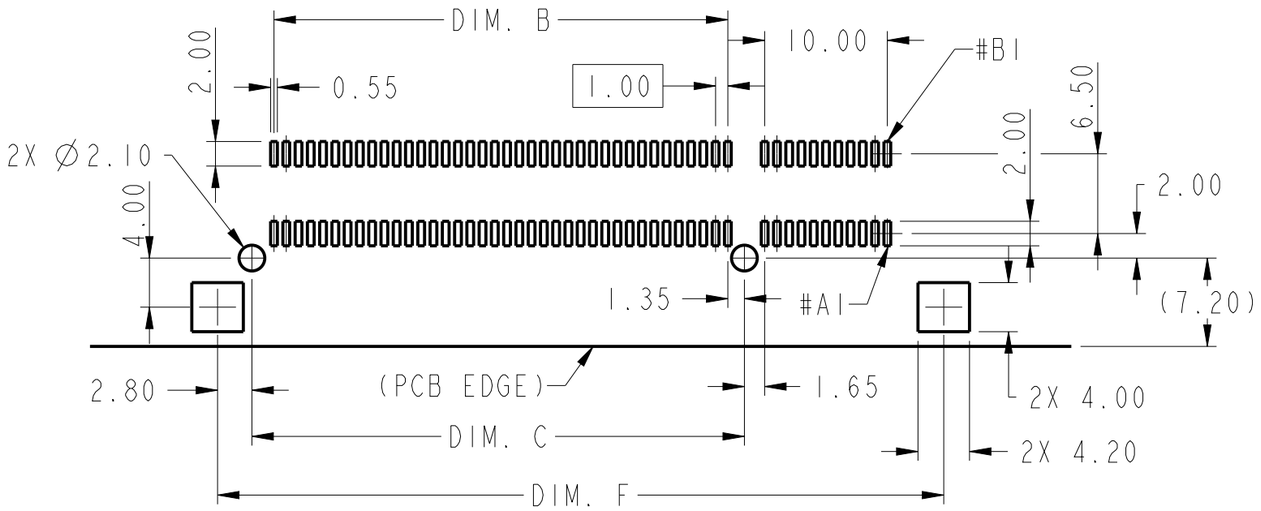
TABLE-1	
POS.	LOCATOR LENGTH - DIM.K
36 & 64 & 98 & 164	10151422-□ □ □ 2 □ □ □ LF 2.40mm

spec ref	-			dr	SL LIM	2019-04-09	projection
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	JS LIM	2020-03-12	MM
-				chr	JS LIM	2020-03-12	size A3 / scale 3:1
ASME Y14.5				appr	KP TAY	2020-03-13	ecn no S20-0010
surface -	linear	0.X	±0.30				product family - / rel level Change In Progress
		0.XX	±0.20				
ASME Y14.5		0.XXX	±0.10				
	angular	0°	±1°				

Amphenol FCi	title: PCI EXPRESS CONN. R/A SMT, FOR GEN4	dwg no 10151422	rev A
	cat. no. -	Product - Customer Drw	sheet 1 of 4

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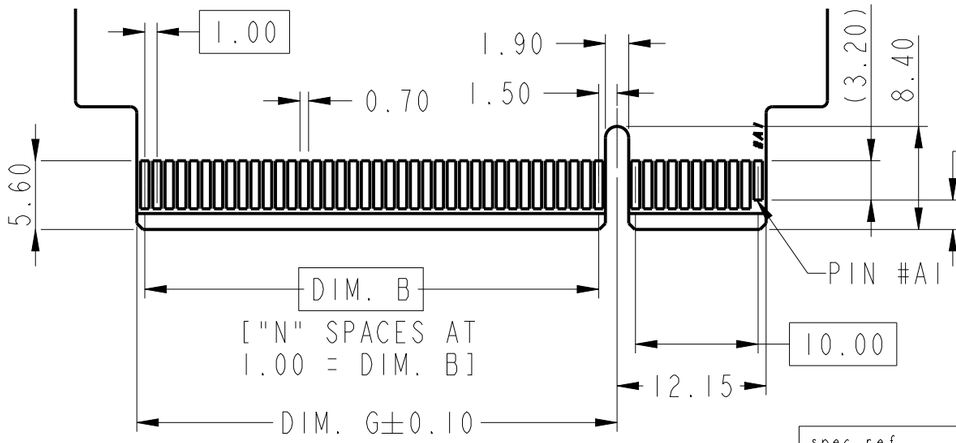
Creo File - REV E - 2016-02-12



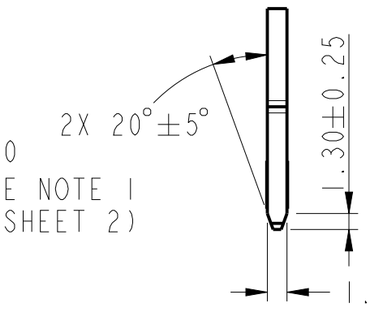
RECOMMENDED PCB LAYOUT - TOP VIEW
(GENERAL TOLERANCES: ±0.05

TABLE-2									
CONNECTOR LINK WIDTH	POS	N SPACES	DIM. A	DIM. B	DIM. C	DIM. D	DIM. F	DIM. G	PIN #"L"
X1	36	6	7.65	6.00	9.15	25.00	28.20	8.15	B17
X4	64	20	21.65	20.00	23.15	39.00	42.20	22.15	B31
X8	98	37	38.65	37.00	40.15	56.00	59.20	39.15	B48
X16	164	70	71.65	70.00	73.15	89.00	92.20	72.15	B81

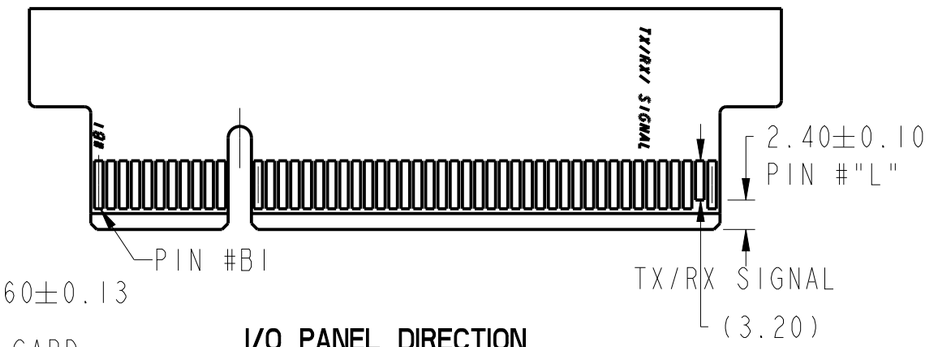
1.) NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PIN #A1 AND PIN #"L".
2.) CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
3.) TOLERANCE: ±0.13mm.



I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE



RECOMMENDED ADD-IN-CARD
(GENERAL TOLERANCES: ±0.05)



I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE

spec ref	-			dr	SL LIM	2019-04-09	projection	MM	size A3	scale 2:1
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	JS LIM	2020-03-12				
				chr	JS LIM	2020-03-12			ecn no	S20-0010
surface - ✓ ASME Y14.5	linear	0.X	±0.30	appr	KP TAY	2020-03-13	product family	-	rel level	Change In Progress
		0.XX	±0.20	Amphenol FCi	title	PCI EXPRESS CONN. R/A SMT, FOR GEN4		dwg no 10151422		rev A
		0.XXX	±0.10							
	angular	0°	±1°		cat. no.	-	Product - Customer Drw		sheet 2 of 4	

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Creo File - REV E - 2016-02-12

NOTES:

1. MATERIAL:
   1.1) HOUSING: HIGH TEMPERATURE THERMO PLASTIC,LCP COLOR:BLACK,UL94V-O.
   1.2) CONTACT: COPPER ALLOY.
   1.3) HOLD DOWN PLATE: COPPER ALLOY.

2. FINISH:
   2.1) 10151422-XOXXXXX LF:
        CONTACT MATING SIDE:0.127µm [5µ"] MIN.GOLD (Au) OVER ON CONTACT AREA
        OVER 1.27µm [50µ"] MIN.TO 2.54µM [100µ"] MAX. NICKEL(Ni) UNDERPLATED.

   2.2) 10151422-X1XXXXX LF:
        CONTACT MATING SIDE:0.38µm [15µ"] MIN.GOLD (Au) OVER ON CONTACT AREA
        OVER 1.27µm [50µ"] MIN.TO 2.54µM [100µ"] MAX. NICKEL (Ni) UNDERPLATED.

   2.3) 10151422-X2XXXXX LF:
        CONTACT MATING SIDE:0.76µm [30µ"] MIN.GOLD (Au) OVER ON CONTACT AREA
        OVER 1.27µm [50µ"] MIN.TO 2.54µM [100µ"] MAX. NICKEL (Ni) UNDERPLATED.

   2.4) SOLDER TAIL (ALL):
        1.91µm [75µ"] MIN.PURE MATTE TIN (LEAD-FREE) ON SOLDER TAIL OVER
        1.27µm [50µ"] MIN.TO 2.54µM [100µ"] MAX. NICKEL (Ni) UNDERPLATED.

   2.5) HOLD DOWN (SOLDER TAB):
        2.54µm [100µ"] MIN.100% PURE MATTE TIN (Sn) (LEAD-FREE) OVER
        1.27µm [50µ"] Min. NICKEL (Ni) UNDERPLATED.

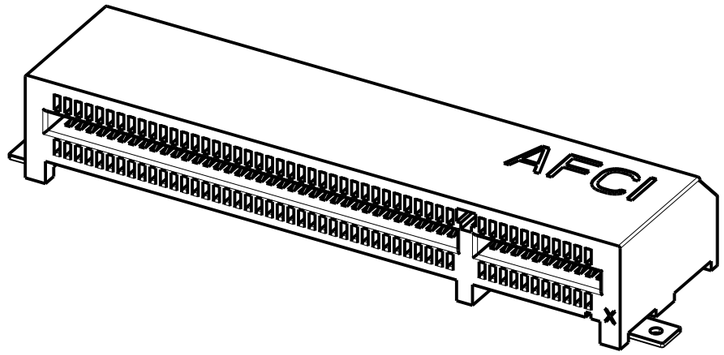
3. PRODUCT SPECIFICATION: GS-12-1406

4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-0004.

5. DATE CODE BE PRINTED ON THIS SURFACE.
   DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
   L IS AFCI PRODUCT SITE.
   - "M" IS DENOTES: MALAYSIA.

6. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.

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



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spec ref	-		
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED		
surface - ✓ ASME Y14.5	linear	0.X	±0.30
		0.XX	±0.20
		0.XXX	±0.10
	angular	0°	±1°

dr	SL LIM	2019-04-09
eng	JS LIM	2020-03-12
chr	JS LIM	2020-03-12
appr	KP TAY	2020-03-13

projection | MM | size A3 | scale 2:1

product family -

ecn no S20-0010

rel level Change In Progress

Amphenol FCi

title: PCI EXPRESS CONN.
R/A SMT, FOR GEN4

dwg no 10151422

rev A

cat. no. - | Product - Customer Drw | sheet 3 of 4

Creo File - REV E - 2016-02-12

PART NUMBER

10151422-□ □ □ □ □ □ □ LF

HOUSING
0:LCP BLACK

CONTACT PLATING
0:5µ" Au
1:15µ" Au
2:30µ" Au

NO OF POSITION
0: 64 POS.
1: 98 POS.
2: 164 POS.
3: 36 POS.

LOCATOR LENGTH
~~1:DIM.K=4.40mm~~
2.DIM.K=2.40mm

1: 5.80mm Z-Ht

1:TAPE & REEL --- (AVAILAVLE FOR 64 & 98 POS.)
2:HARD TRAY ----- (AVAILABLE FOR 164 POS.)
3.SOFT TRAY ----- (NOT AVAILABLE)

0: NIL

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spec ref	-			dr	SL LIM	2019-04-09	projection	MM
tolerance std - ASME Y14.5	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	JS LIM	2020-03-12		
				chr	JS LIM	2020-03-12		
				appr	KP TAY	2020-03-13	product family -	
surface - ✓ ASME Y14.5	linear	0.X	±0.30	Amphenol FCi	title	PCI EXPRESS CONN. R/A SMT, FOR GEN4	dwg no	10151422
		0.XX	±0.20					
		0.XXX	±0.10					
	angular	0°	±1°		cat. no. -		Product - Customer Drw	

size	scale	rev
A3	1:1	A

ecn no S20-0010

rel level Change In Progress

sheet 4 of 4

Creo File - REV E - 2016-02-12

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Amphenol:

70218-1116LF 70234-112LF 70430-164LF 65781-158 86093968813H45V1LF 95157-140LF CD15S13E4RV09LF DAPO15S365TLF 67996-204HLF 68002116HLF RJSBE5080C2 68001-108HLF 69192-408HLF 86093488314745V1LF 86093968191755E3LF LD25S33E4GV00LF 68000-236HLF 863013A 91614-403ALF D15P13A6RV12LF DEM09P032N DCMF37P LD15P33E4GV00LF RJE061661210 68001-200HLF 86093967896755LF 76384-316LF 86130202123355E1LF 54202-G0805CLF 54202-S08-07LF