

RECOMMENDED PCB LAYOUT

POSITION	N	DIM"F"
36	6	12.30
64	20	26.30
98	37	43.30
164	70	76.30

spec ref	dr	Jeny Ren	2017/11/01	projection	MM	size	A3	scale	2:1
tolerance std	eng	Jeny Ren	2018/05/15		← →	ecn no	ELX-DG-30127-1	rel level	Released
ASME Y14.5	chr	-	-						
surface  linear ASME Y14.5 angular	0.X	±0.30	<b>Amphenol FCI</b> PCI EXPRESS 4.0 STRADDLE MOUNT www.fci.com	cat. no.	Product-Customer Drw	dwg no	10146027	rev	B
	0.XX	±0.20							
	0.XXX	±0.1							
	angular	0°	±2°						sheet 2 of 4



NOTES:

- MATERIAL:  
HOUSING: HIGH PERFORMANCE RESINS, BLACK, UL94 V-0 RATED.  
CAP: HIGH PERFORMANCE RESINS, BLACK.  
CONTACT: COPPER ALLOY.
- PLATING:  
UNDERPLATE: 50 u" MIN NICKEL OVER ALL  
SOLDER AREA: 100 u" MIN TIN (LEAD FREE)  
MATING AREA: SEE PRODUCT PART NUMBER.
- PRODUCT SPECIFICATION: GS-12-1193
- PACKAGE SPECIFICATION: GS-14-2401.
- PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.
- ONLY P/N 10146027-XXXX10XX CAN GO IR REFLOW PROCESS.
- THIS PRODUCT WILL WITHSTAND EXPOSURE TO 260°C PACK TEMPERATURE FOR 10 SECONDS IN REFLOW SOLDERING APPLICATION.
- DATE CODE BE PRINTED ON PROPER SURFACE.

PRODUCT PART NUMBER:

10146027- X X X X X X X X

NO. OF POSITION  
36:36 POSITIONS  
64:64 POSITIONS  
98:98 POSITIONS  
A4:164 POSITIONS

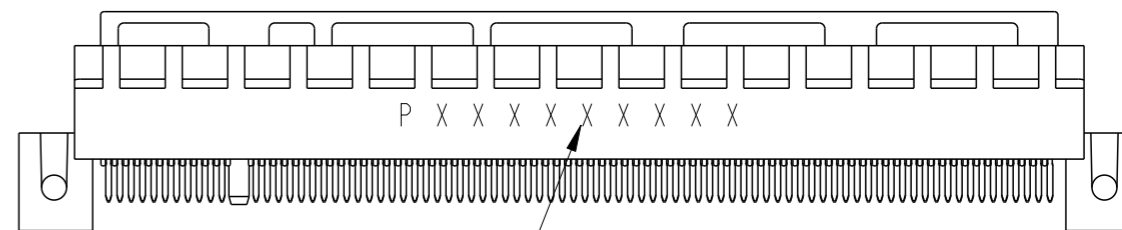
PCB THICKNESS OPTION  
0:1.57 MM  
1:2.0/2.08 MM  
2:2.31/2.36/2.4 MM

LEAD FREE OPTION  
LF:LEAD FREE

RESERVE  
0

CAP OPTION (SEE NOTE 6)  
0:WITHOUT CAP  
1:CAP

CONTACT PLATING  
0:15 u" Au  
1:30 u" Au  
2:15 u" GXT



DATA CODE INFORMATION

P X X X X X X X X X

PRODUCTION LINE CODE  
DATE CODE THROUGH 01 TO 31  
WEEK NUMBER 01 THROUGH 53  
YEAR CODE; MOST RIGHT OF DIGIT OF PRODUCTION. (e.g 2007=7)  
MANUFACTURE SITE; 2 FOR DONGGUAN SOURCE, P FOR CHINA

Amphenol FCI

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spec ref		dr	Jeny Ren	2017/11/01	projection	MM	size	A3	scale	2:1
tolerance std ASME Y14.5		eng	Jeny Ren	2018/05/15			ecn no	ELX-DG-30127-1		
TOLERANCES UNLESS OTHERWISE SPECIFIED		chr	-	-	product family		rel level	Released		
surface	linear	0.X	±0.30	Amphenol FCI	PCI EXPRESS 4.0		dwg no	10146027		rev
		0.XX	±0.20							
0.XXX	±0.1									
ASME Y14.5	angular	0°	±2°	www.fci.com	cat. no.	Product-Customer Drw	sheet 4 of 4		B	