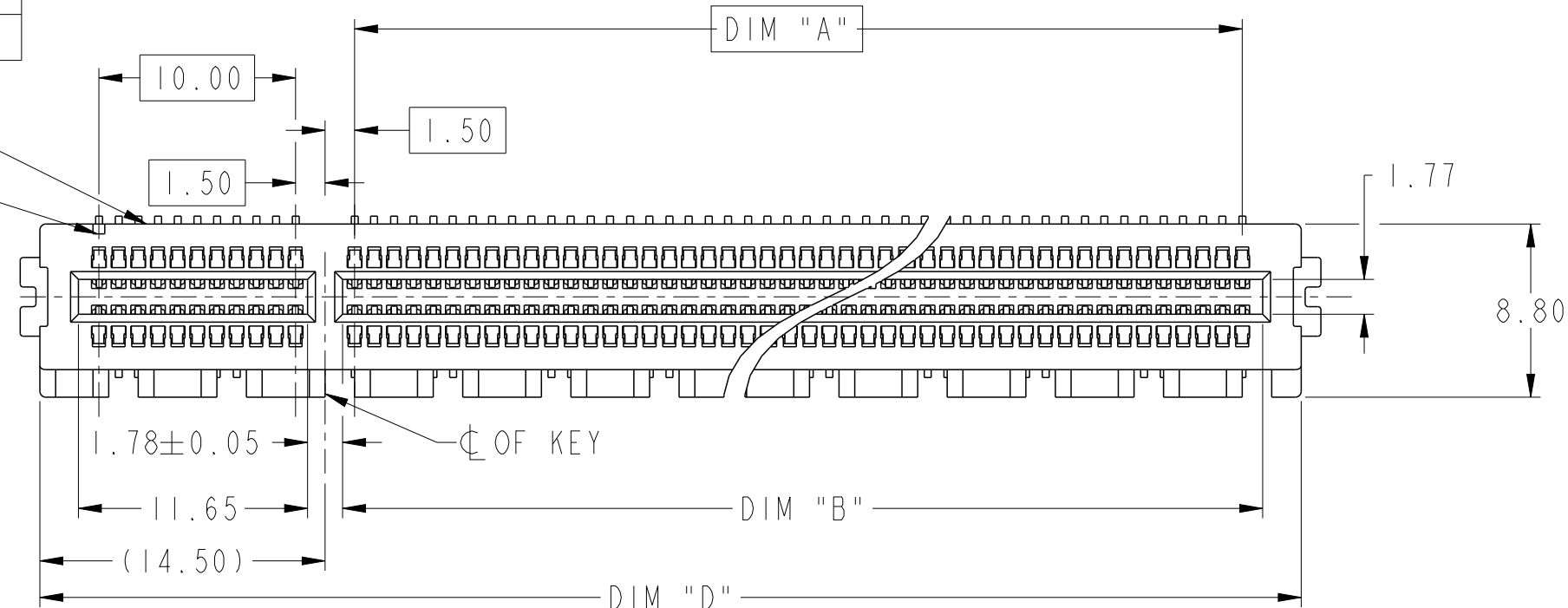


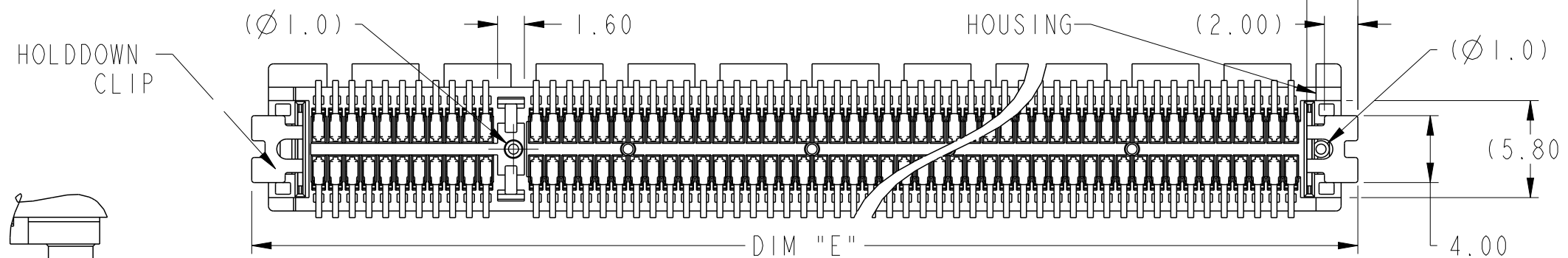
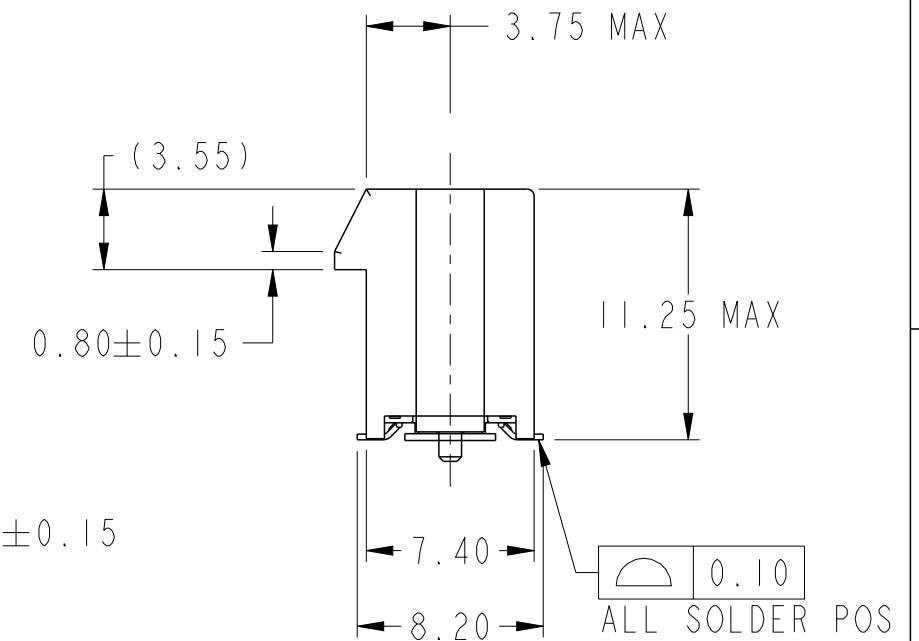
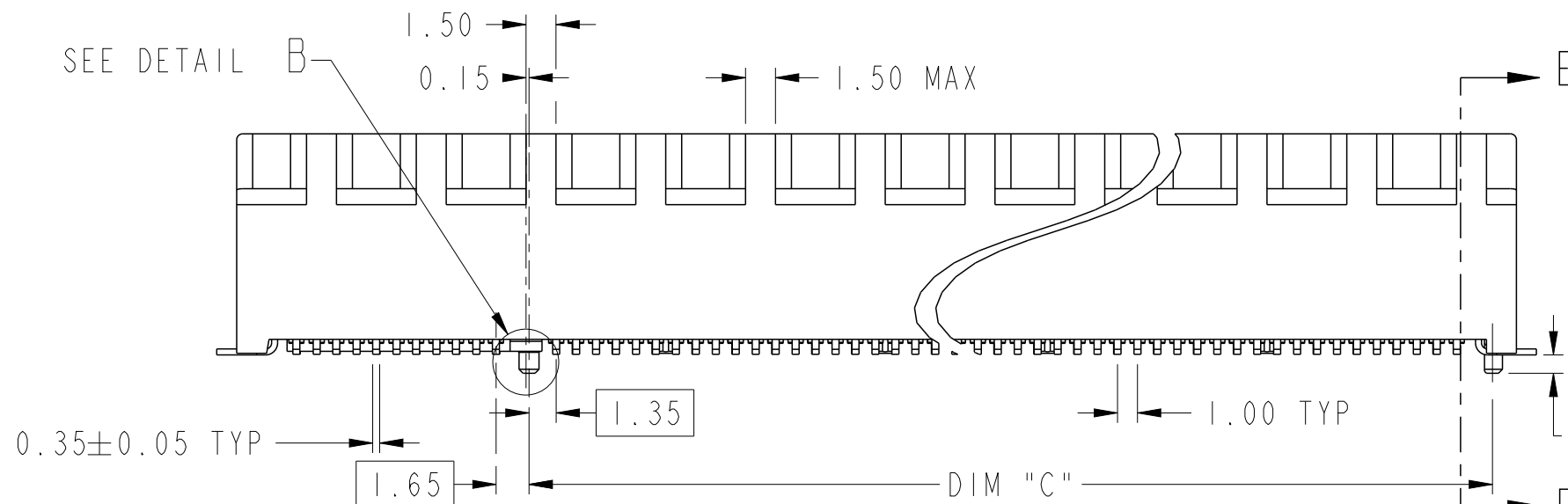
PRODUCT PARTNUMBER
10128241-XXXX0LF

PARTNO &
DATECODE

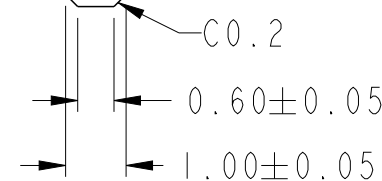
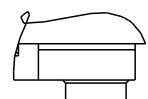
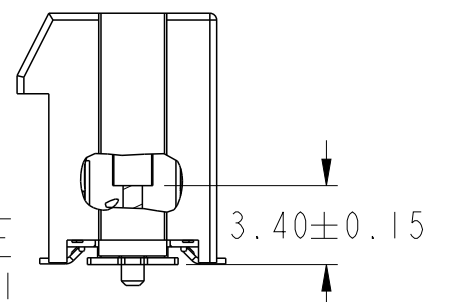
#AI IDENTIFIER



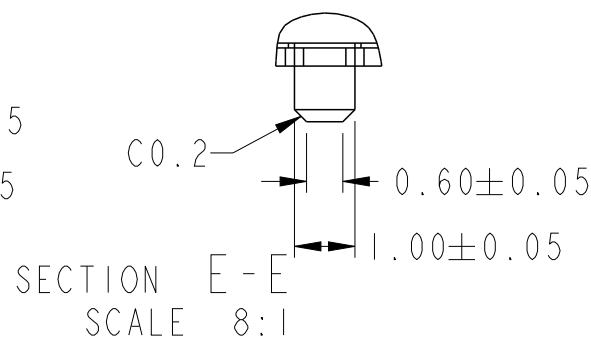
SEE DETAIL B
1.50
0.15
1.50 MAX



SECTION E-E
SCALE 3:1



DETAIL B
SCALE 8:1



SECTION E-E
SCALE 8:1

| | |
|---------------|---------------------------------------|
| spec ref | - |
| tolerance std | ISO 406 ISO 1101 |
| surface | - |
| linear | 0.X ±0.30 0.XX ±0.20 0.XXX ±0.1 |
| angular | 0° ±2° |

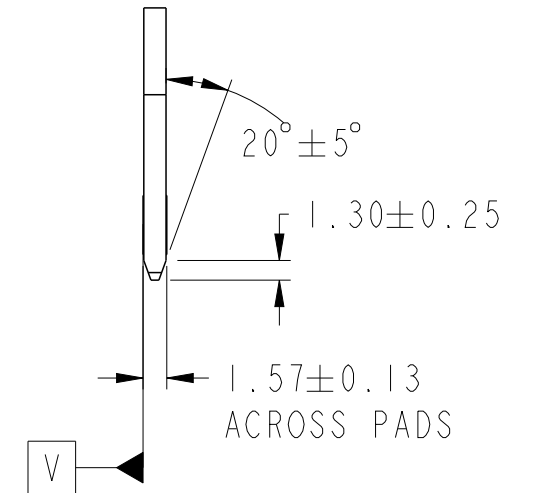
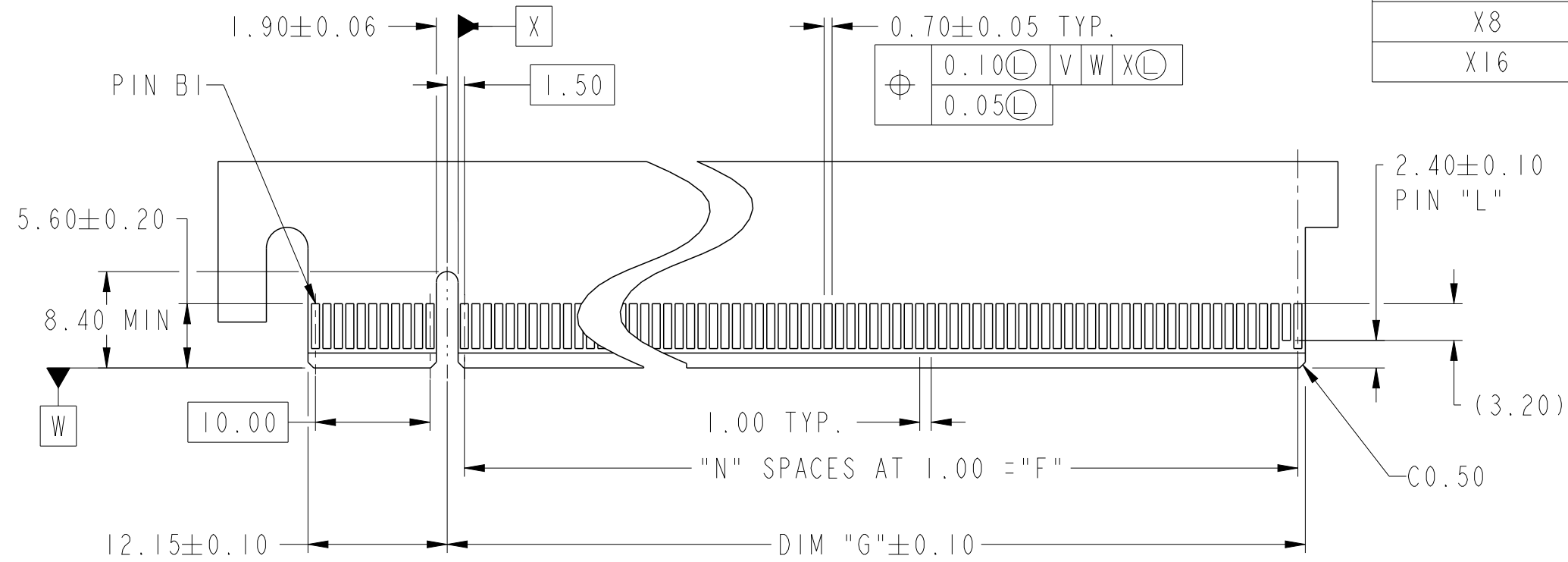
| | | |
|------|----------------|------------|
| dr | Matthew Cheong | 2016/05/06 |
| eng | Matthew Cheong | 2018/04/05 |
| chr | - | - |
| appr | Koon-Poh Tay | 2018/04/10 |

| | |
|----------------|---------------|
| projection | MM |
| product family | PCI express |
| size | A3 |
| scale | 3:1 |
| ecn no | ELX-S-29469-1 |
| rel level | Released |

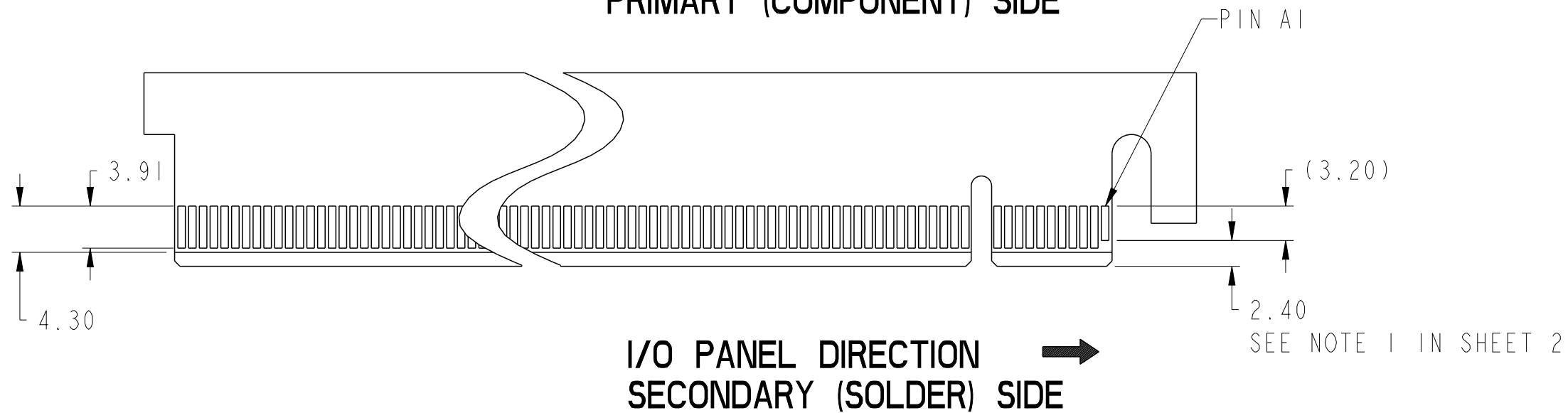
| | |
|--------|----------|
| dwg no | 10128241 |
| rev | C |

| | |
|-----------------|-----------------|
| Amphenol FCi | PCI Express 4.0 |
| www.fci.com | SMT Type |

| CONNECTOR LINK WIDTH | POSITION | N | DIM "G" | DIM "F" | PIN "L" |
|-------------------------|----------|----|---------|---------|---------|
| X1 | 36 | 6 | 8.15 | 6.00 | B17 |
| X4 | 64 | 20 | 22.15 | 20.00 | B31 |
| X8 | 98 | 37 | 39.15 | 37.00 | B48 |
| X16 | 164 | 70 | 72.15 | 70.00 | B81 |



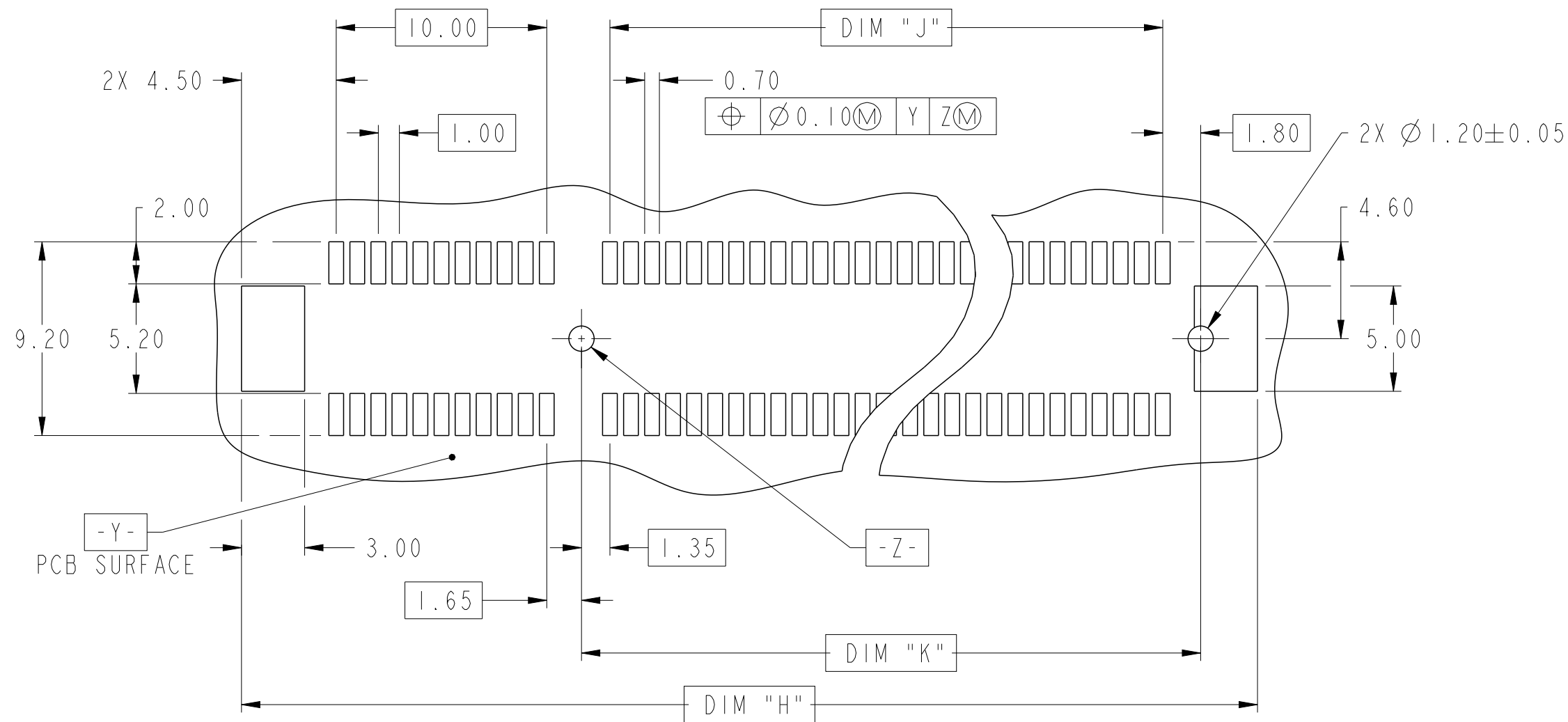
← I/O PANEL DIRECTION
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION
SECONDARY (SOLDER) SIDE →

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

| | | | | | | | | | | |
|---------------|---------------------|------|----------------|--------------------------------|----------------|-----------------------------|------------------------|---------------|-----------|----------|
| spec ref | - | dr | Matthew Cheong | 2016/05/06 | projection | MM | size | A3 | scale | 2:1 |
| tolerance std | ISO 406 ISO 1101 | eng | Matthew Cheong | 2018/04/05 | chr | - | ecn no | ELX-S-29469-1 | rel level | Released |
| surface | linear | appr | Koon-Poh Tay | 2018/04/10 | product family | PCI express | dwg no | 10128241 | rev | C |
| ISO 1302 | angular | 0° | ±2° | Amphenol FCi www.fci.com | cat. no. | PCI Express 4.0 SMT Type | Product - Customer Drw | sheet 2 of 4 | | |



RECOMMENDED PCB LAYOUT, PAD TYPE

| DIMENSIONS | | | | | | | | |
|------------|-------|----------------------------|--------------|--------------|--------------|--------------|-------|--------------|
| POSITION | A | B ± 0.15 ± 0.05 | C ± 0.10 | 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 |

| | | | | | | | | | | |
|---------------|--|-----------------|-----------------|------------|----------------|------------------------|--------------|---------------|-----------|----------|
| spec ref | - | dr | Matthew Cheong | 2016/05/06 | projection | MM | size | A3 | scale | 4:1 |
| tolerance std | ISO 406 ISO 1101 | eng | Matthew Cheong | 2018/04/05 | chr | - | ecn no | ELX-S-29469-1 | rel level | Released |
| surface | - | appr | Koon-Poh Tay | 2018/04/10 | product family | PCI express | dwg no | 10128241 | rev | C |
| linear | 0.X ± 0.30 0.XX ± 0.20 0.XXX ± 0.1 | Amphenol FCi | PCI Express 4.0 | cat. no. | - | Product - Customer Drw | sheet 3 of 4 | | | |
| angular | 0° $\pm 2^\circ$ | www.fci.com | | | | | | | | |

PRODUCT NUMBER CODE

10128241- 0000 0LF

HOUSING COLOR

1: BLACK

CONTACT AREA PLATING

1: 30u" Au
2: 15u" Au

PACKAGING OPTIONS

A: HARD TRAY (DIM: 323 x 136 x 19) WITH KAPTON TAPE (164 POS)
Q: HARD TRAY (DIM: 323 x 136 x 19) (164 POS)
C: SOFT TRAY (317.5 x 235 x 18) WITH PICK-UP CAP (36 & 64 POS)
T: SOFT TRAY (317.5 x 235 x 18) WITH KAPTON TAPE (36 & 64 POS)
X: HARD TRAY (DIM: 330 x 235 x 19.3) WITH PICK UP CAP (98 & 164 POS)
Y: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE (98 & 164 POS)
Z: HARD TRAY (DIM: 330 x 235 x 19.3) WITH KAPTON TAPE, 86MM (164 POS)

NO. OF POSITION

0: 36 POSITIONS
1: 64 POSITIONS
2: 98 POSITIONS
3: 164 POSITIONS

NOTES:

1. MATERIAL:
HOUSING: HIGH PERFORMANCE RESINS, GLASS FILLED, UL94V-0
CONTACT: COPPER ALLOY.
METAL PADS: COPPER ALLOY

2. PLATING:
CONTACT: UNDERPLATE: 50u" NICKEL OVER ALL.
SOLDER AREA: 100u" TIN (LEAD FREE).
MATING AREA: SEE PRODUCT NUMBER CODE.
HOLDDOWN CLIP: 100u" TIN OVER 50 u" NICKEL.

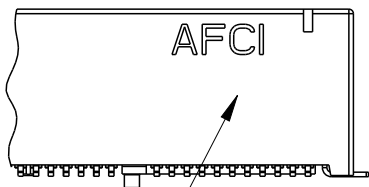
3. PRODUCT SPECIFICATION: GS-12-1406

4. PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

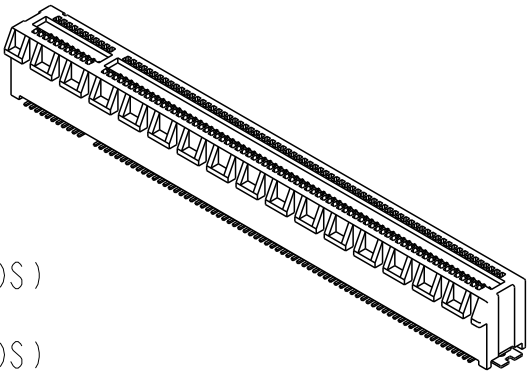
5. DATE CODE "MMDDYYL", MMDDYY IS ASSEMBLY DATE.
L IS AFCI PRODUCTION SITE.

6. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND
OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-47-004.

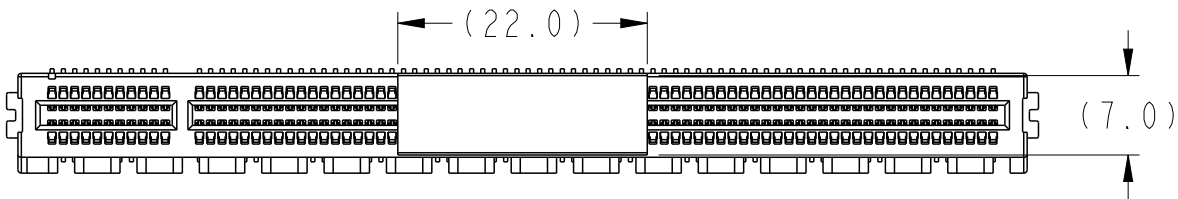
7. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°
PEAK TEMPERATURE FOR 10 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE
REFLOW OVEN.



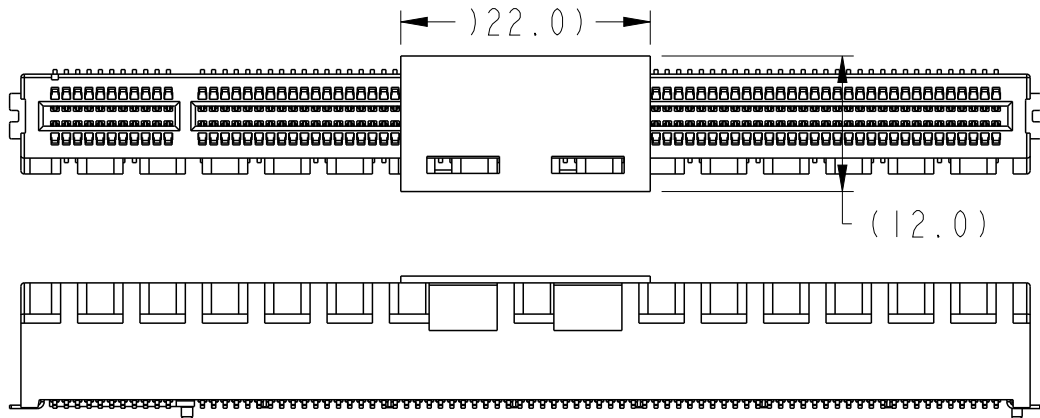
DATA CODE &
PARTNO

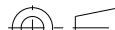
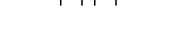



POSITION OF KAPTON TAPE



POSITION OF PICK UP CAP



| | | | | | | | | | | | | |
|--|---------------------------------------|-------|-------|-----------------|--------------------------|------------|---|---|--------------------|---------------|------------------------|-------------|
| spec ref - | | | | dr | Matthew Cheong | 2016/05/06 | projection  | MM  | size | A3 | scale | 2:1 |
| tolerance std ISO 406 ISO 1101 | TOLERANCES UNLESS OTHERWISE SPECIFIED | | | eng | Matthew Cheong | 2018/04/05 | | | ecn no | ELX-S-29469-1 | | |
| | | | | chr | - | - | | | rel level Released | | | |
| | | | | appr | Koon-Poh Tay | 2018/04/10 | product family | | | | | PCI express |
| surface  ISO 1302 | linear | 0.X | ±0.30 | Amphenol FCi | title PCI Express 4.0 | | | | dwg no | 10128241 | | rev C |
| | | 0.XX | ±0.20 | | | | | | | | | |
| | | 0.XXX | ±0.1 | | SMT Type | | | | | | | |
| | angular | 0° | ±2° | www.fci.com | | | | | cat. no. | | Product - Customer Drw | |