

ORIGINAL

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The marking on this product doesn't contain environmental hazardous materials per Material Specification 55-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

| REVISIONS |          |  |            |            |
|-----------|----------|--|------------|------------|
| SYM       | ECN No.  | DESCRIPTION  | DATE       | APPROVED   |
| A         |          | RELEASE TO PRODUCTION                                | 09/06/2011 | Roger Tsai |
| B         | NE-13041 | REMOVED NYLON46/WITHOUT CAP OPTION                   | 03/26/2013 | Roger Tsai |
| C         | NE-13180 | ADDED PCB OPTION & LOGO NOTE                         | 11/05/2013 | Roger Tsai |
| D         | NE-14011 | MODIFIED 164 POS. PACKAGING                          | 01/16/2014 | Roger Tsai |
| E         | NE-16005 | ADD PCB OPTION & DIM /UPDATE TO MATTE TIN            | 01/21/2016 | Arron Lin  |
| F         | NE-16224 | ADDING WORDING (FIXTURE) DESCRIPTION                 | 10/04/2016 | Arron Lin  |
| A1        | NE-17289 | CHANGE PACKAGE INNER MATERIAL TO VACUUM ALUMINUM BAG | 11/21/2017 | Roger Tsai |



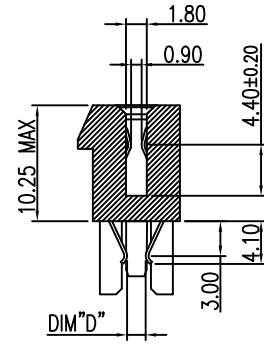
NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, UL94V-0, COLOR: BLACK.  
TERMINAL: COPPER ALLOY.
- FINISH:  
TERMINAL:  
CONTACT AREA: SELECTED GOLD PLATING;  
SOLDERING AREA: MATTE TIN PLATING 100 μm THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50 μm THICKNESS MIN. OVERALL.
- PRODUCT SPECIFICATION REFER TO : PS-7482.
- TEST SUMMARY REFER TO : TS-7482-001.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
- THIS PRODUCT IS LEAD-FREE & RoHS COMPLIANT PRODUCT.

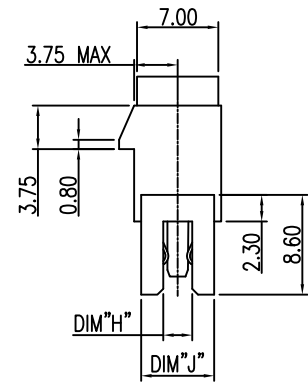
PART NO. G630HXXX2XXXEU

|                    |  |
|--------------------|--|
| NO. OF POSITION    | PCB THICKNESS/DIM D / DIM H            |
| 36: 36 POSITIONS   | 6: 2.08 MM / 1.60MM / 2.50MM           |
| 64: 64 POSITIONS   | 7: 2.30 MM / 1.90MM / 2.50MM           |
| 98: 98 POSITIONS   | 8: 1.57 MM / 1.20MM / 2.50MM (Fixture) |
| AA: 164 POSITIONS  | A: 2.36 MM / 1.90MM / 2.80MM           |
| CONTACT FINISH     | B: 2.36 MM / 2.10MM / 2.80MM           |
| 0: GOLD FLASH      | D: 1.57 MM / 1.20MM / 1.70MM           |
| 1: 15 μm GOLD      | E: 1.83 MM / 1.60MM / 2.50MM           |
| 2: 30 μm GOLD      | CAP OPTION                             |
| 3: 10 μm GOLD      | 4: CAP                                 |
| INSULATOR MATERIAL |  |
| 2: NYLON 9T        |  |

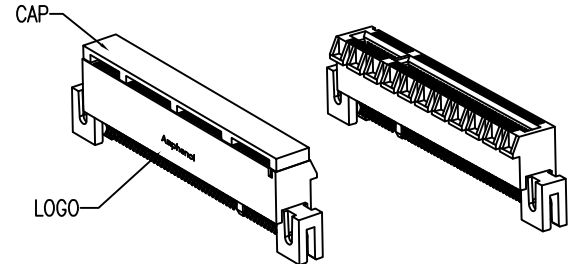
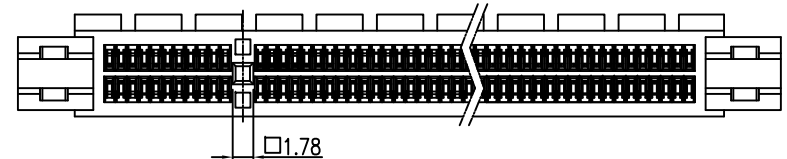
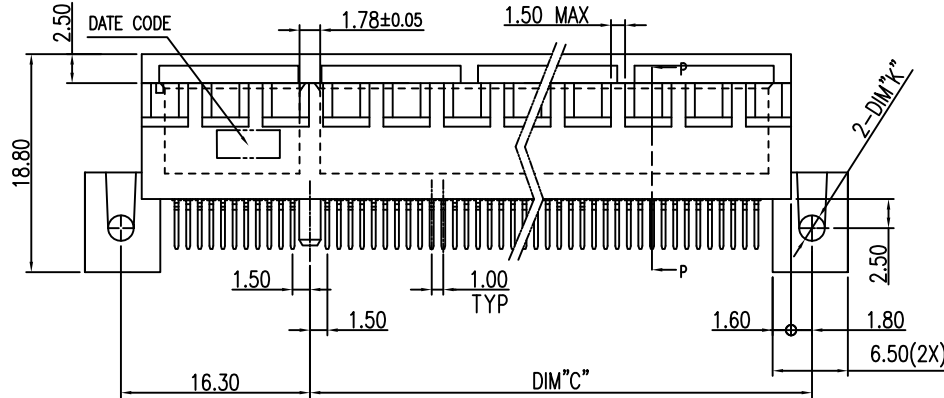
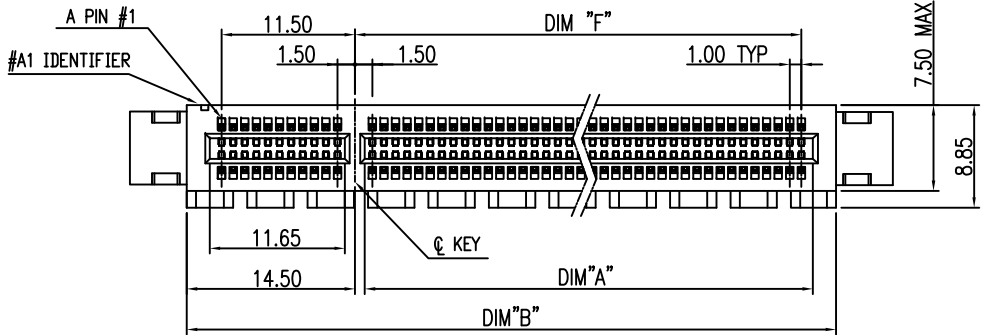
| DIM "K" | DIM "J" | DIM "H" | DIM "D" | PCB THICKNESS |
|---------|---------|---------|---------|---------------|
| ø2.20   | 6.30    | 2.50    | 1.60    | 2.08 MM       |
| ø2.20   | 6.30    | 2.50    | 1.90    | 2.30 MM       |
| ø2.20   | 6.30    | 2.50    | 1.20    | 1.57 MM       |
| ø2.20   | 6.30    | 2.80    | 1.90    | 2.36±0.24 MM  |
| ø2.20   | 6.30    | 2.80    | 2.10    | 2.36 MM       |
| ø2.00   | 5.00    | 1.70    | 1.20    | 1.57 MM       |
| ø2.20   | 6.30    | 2.50    | 1.60    | 1.83 MM       |



SECTION P-P



| POSITION | DIM "A" | DIM "B" | DIM "C" | DIM "E" |
|----------|---------|---------|---------|---------|
| 36       | 7.65    | 25.00   | 12.30   | 7.50    |
| 64       | 21.65   | 39.00   | 26.30   | 21.50   |
| 98       | 38.65   | 56.00   | 43.30   | 38.50   |
| 164      | 71.65   | 89.00   | 76.30   | 71.50   |



| TOLERANCE                  | APPROVALS           | DATE              | TITLE   |
|----------------------------|---------------------|-------------------|---|
| X. ±0.30                   | DRAWN Sandy Wu      | 11/21/2017        | G630H SERIES,<br>PCI EXPRESS 3.0<br>STRAIGHT, STRADDLE TYPE |
| X.X ±0.20                  | CHECKED Debby Hung  | 11/21/2017        |   |
| X.XX ±0.10                 | APPROVED Roger Tsai | 11/21/2017        |   |
| ANGULAR ±1°                | DWG TYPE CUST DWG   | PROJECT CODE SLOT |   |
| UNLESS OTHERWISE SPECIFIED |                     |                   |   |

|          |              |
|----------|--------------|
| UNIT mm  | SIZE A3      |
| SCALE NA | SHEET 1 OF 5 |

|  |                |
|--|----------------|
| <p><b>Amphenol®</b><br/>Amphenol Corporation<br/>Amphenol Taiwan Corporation</p> |                |
| PART No.   | G630HXXX2XXXEU |
| DWG No.  | G630HXXX2XXXEU |
| REV.   | A1             |

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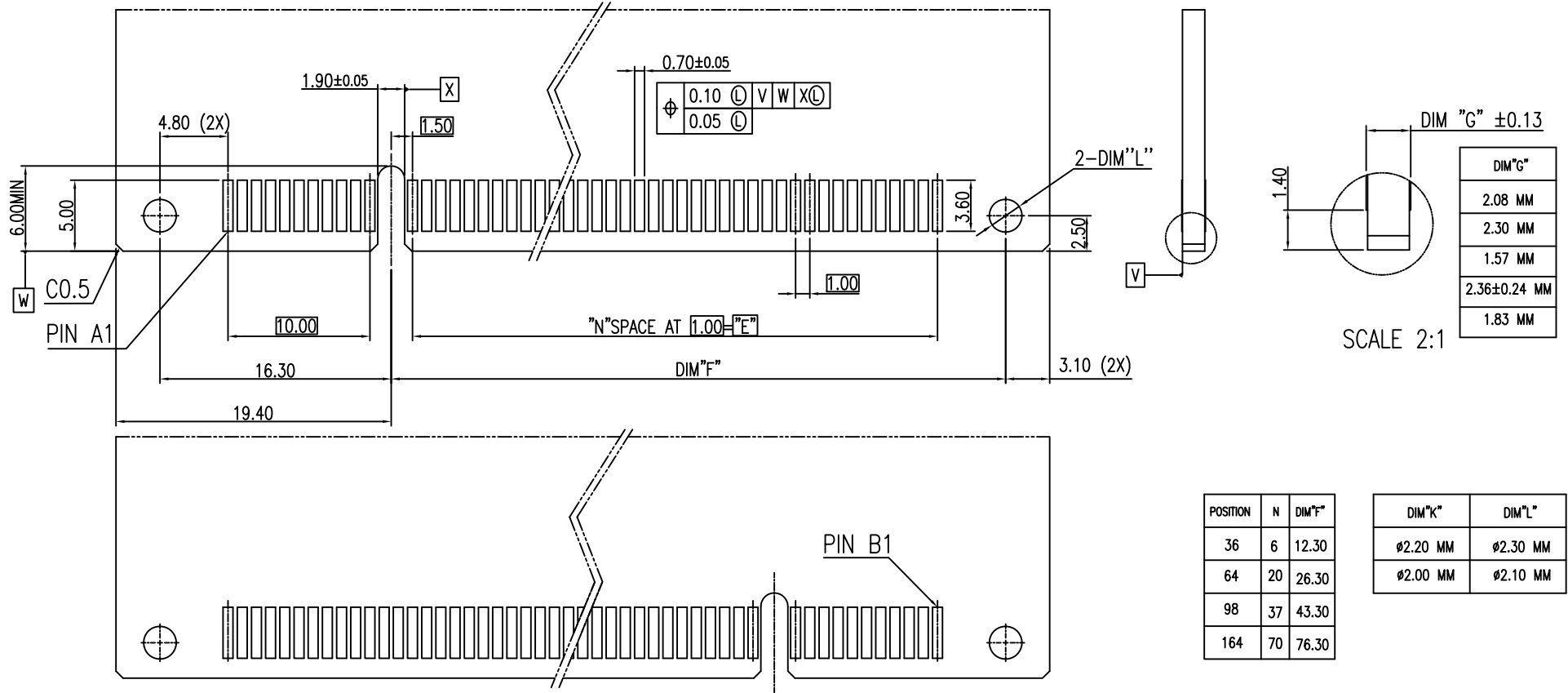
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| F         | NE-16224 | ADDING WORDING (FIXTURE) DESCRIPTION                 | 10/04/2016 | Arron Lin  |
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RECOMMEND OF PCB DIMENSIONS

| TOLERANCE                  | APPROVALS           | DATE              | TITLE   |              | Amphenol®   |         |
|----------------------------|---------------------|-------------------|---|--------------|---|---------|
| X. ±0.30                   | DRAWN Sandy Wu      | 11/21/2017        | G630H SERIES,<br>PCI EXPRESS 3.0<br>STRAIGHT, STRADDLE TYPE |              | Amphenol Corporation<br>Amphenol Taiwan Corporation |         |
| X.X ±0.20                  | CHECKED Debby Hung  | 11/21/2017        |   |              |   |         |
| X.XXX ±0.10                | APPROVED Roger Tsai | 11/21/2017        |   |              |   |         |
| ANGULAR ±1°                | DWG TYPE CUST DWG   | PROJECT CODE SLOT | UNIT mm   | SIZE A3      | PART No. G630HXXX2XXXEU                             |         |
| UNLESS OTHERWISE SPECIFIED |                     |                   | SCALE NA  | SHEET 2 OF 5 | DWG No. G630HXXX2XXXEU                              | REV. A1 |

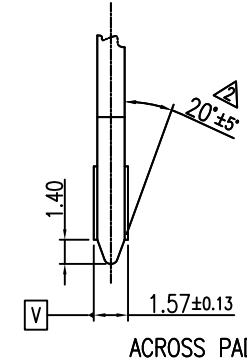
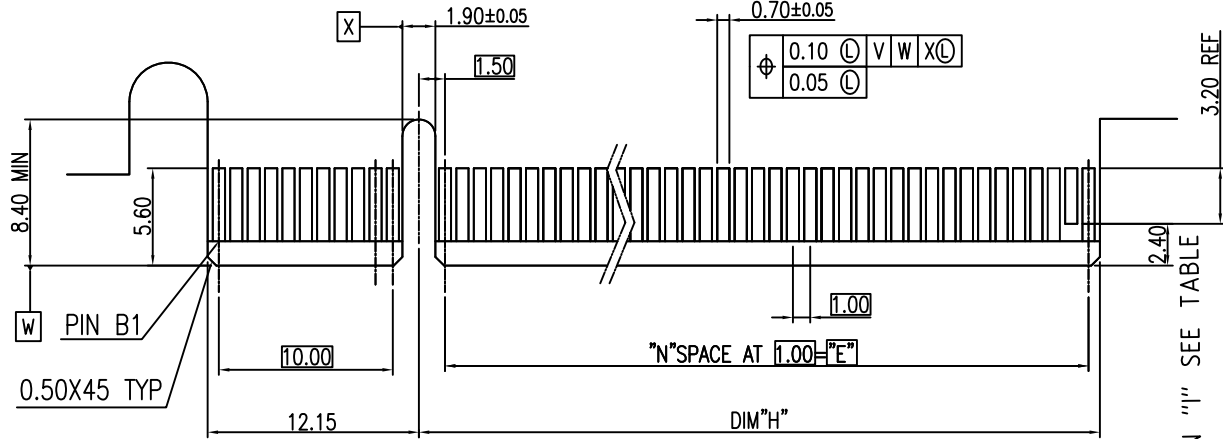
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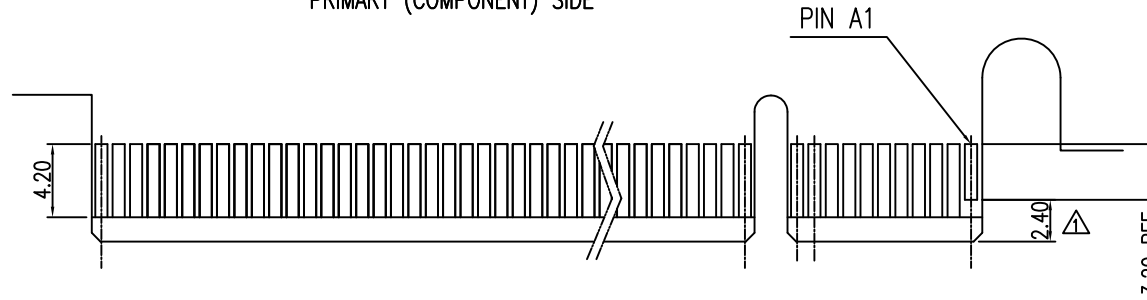
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I/O PANEL DIRECTION  
PRIMARY (COMPONENT) SIDE



I/O PANEL DIRECTION  
SECONDARY (SOLDER) SIDE

- △ NO TIE BAR PERMITTED FROM CARD EDGE TO LEADING EDGE OF PAD FOR PINS A1 AND PIN "I"
- △ CHAMFER EDGES MUST BE FREE OF CUTTING BURRS.
- △ TOLERANCE: .XX±.13

| POSITION | N  | DIM "H" | PIN "I" |
|----------|----|---------|---------|
| 36       | 6  | 8.15    | B17     |
| 64       | 20 | 22.15   | B31     |
| 98       | 37 | 39.15   | B48     |
| 164      | 70 | 72.15   | B81     |

| TOLERANCE                  | APPROVALS           | DATE              | TITLE   | UNIT     | SIZE         | PART No.               |
|----------------------------|---------------------|-------------------|---|----------|--------------|------------------------|
| X. ±0.30                   | DRAWN Sandy Wu      | 11/21/2017        | G630H SERIES,<br>PCI EXPRESS 3.0<br>STRAIGHT, STRADDLE TYPE | mm       | A3           | G630HXXX2XXXEU         |
| X.X ±0.20                  | CHECKED Debby Hung  | 11/21/2017        |   |          |              |                        |
| X.XXX ±0.10                | APPROVED Roger Tsai | 11/21/2017        |   |          |              |                        |
| ANGULAR ±1°                | DWG TYPE CUST DWG   | PROJECT CODE SLOT |   |          |              |                        |
| UNLESS OTHERWISE SPECIFIED |                     |                   |   | SCALE NA | SHEET 3 OF 5 | DWG No. G630HXXX2XXXEU |
|                            |                     |                   |   |          |              | REV. A1                |

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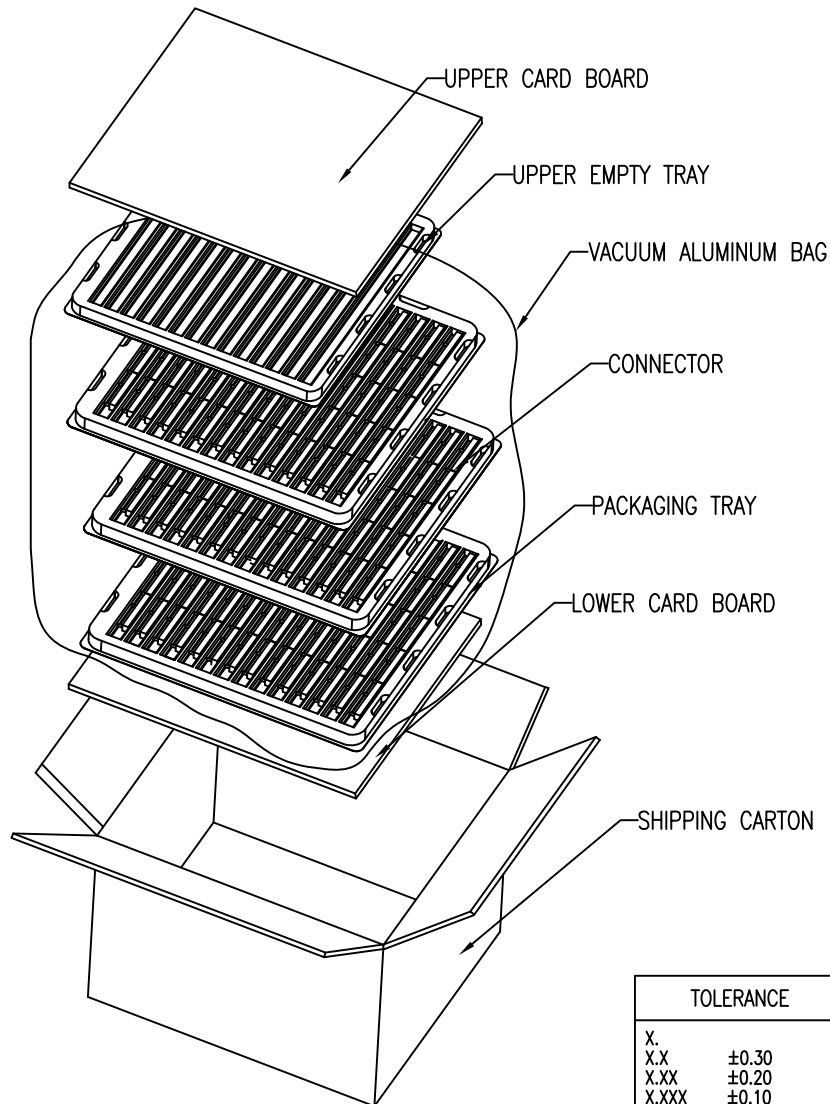
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|                         |      |      |     |
|-------------------------|------|------|-----|
| CIRCUIT SIZE            | 36   | 64   | 98  |
| PARTS PER CARTON<S.P.Q> | 1755 | 1170 | 975 |
| PARTS PER TRAY          | 117  | 78   | 65  |
| TOTEL TRAY PER CARTON   | 16   | 16   | 16  |

3

NOTES:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
  2. FILL PACKAGING TRAYS WITH THE QUANTITIES AS INDICATED IN THE CHART.
- 3 IN THE 16 PLASTIC TRAYS ,THE TOP PLASTIC TRAY IS TO COVER THE CONNECTORS ,THE OTHERS ARE FILLED WITH CONNECTORS.

| TOLERANCE                  |       | APPROVALS | DATE       | TITLE        |   | Amphenol®   |                |                |        |
|----------------------------|-------|-----------|------------|--------------|---|---|----------------|----------------|--------|
| X.                         |       | DRAWN     | Sandy Wu   | 11/21/2017   | G630H SERIES,<br>PCI EXPRESS 3.0<br>STRAIGHT, STRADDLE TYPE | Amphenol Corporation<br>Amphenol Taiwan Corporation |                |                |        |
| X.X                        | ±0.30 | CHECKED   | Debby Hung | 11/21/2017   |   | UNIT  | mm             | SIZE           | A3     |
| X.XX                       | ±0.20 | APPROVED  | Roger Tsai | 11/21/2017   |   | SCALE   | NA             | SHEET          | 4 OF 5 |
| X.XXX                      | ±0.10 | DWG TYPE  | CUST DWG   | PROJECT CODE |   | SLOT  | DWG No.        | G630HXXX2XXXEU | REV.   |
| ANGULAR                    | ±1°   |           |            |              |   | PART No.  | G630HXXX2XXXEU |                |        |
| UNLESS OTHERWISE SPECIFIED |       |           |            |              |   |   |                |                |        |

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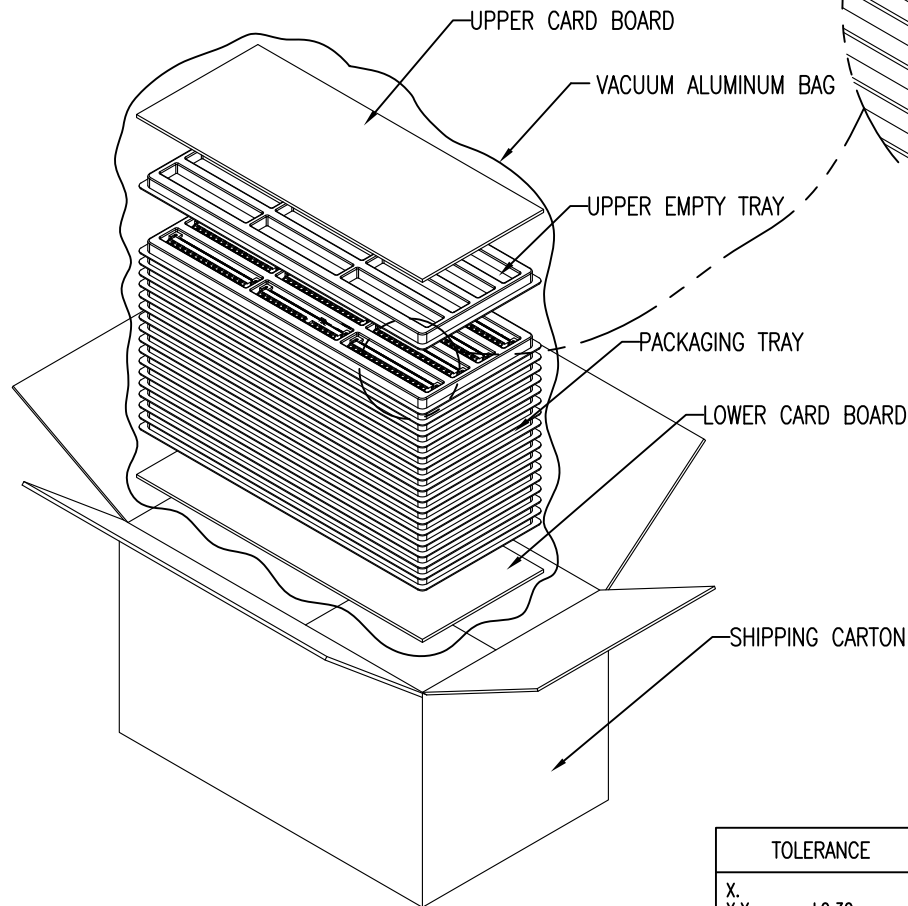
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| F         | NE-16224 | ADDING WORDING (FIXTURE) DESCRIPTION                 | 10/04/2016 | Arron Lin  |
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|                         |     |
|-------------------------|-----|
| CIRCUIT SIZE            | 164 |
| PARTS PER CARTON<S.P.Q> | 204 |
| PARTS PER TRAY          | 12  |
| TOTEL TRAY PER CARTON   | 18  |

3

NOTES:

1. STAPLES SHOULD ONLY BE USED TO SET UP CARTON. ALL CARTON CLOSURES MUST BE DONE WITH TAPE.
  2. FILL PACKAGING TRAYS WITH THE QUANTITIES AS INDICATED IN THE CHART.
- 3 IN THE 18 PLASTIC TRAYS ,THE TOP PLASTIC TRAY IS TO COVER THE CONNECTORS ,THE OTHERS ARE FILLED WITH CONNECTORS.



| TOLERANCE                  |       | APPROVALS |            | DATE         | TITLE   |  | Amphenol®   |    |       |        |      |    |
|----------------------------|-------|-----------|------------|--------------|---|--|---|----|-------|--------|------|----|
| X.                         |       | DRAWN     | Sandy Wu   | 11/21/2017   | G630H SERIES,<br>PCI EXPRESS 3.0<br>STRAIGHT, STRADDLE TYPE |  | Amphenol Corporation<br>Amphenol Taiwan Corporation |    |       |        |      |    |
| X.X                        | ±0.30 | CHECKED   | Debby Hung | 11/21/2017   |   |  | PART No. G630HXXX2XXXEU                             |    |       |        |      |    |
| X.XX                       | ±0.20 | APPROVED  | Roger Tsai | 11/21/2017   |   |  | DWG No. G630HXXX2XXXEU                              |    |       |        |      |    |
| X.XXX                      | ±0.10 |           |            |              |   |  | UNIT  | mm | SIZE  | A3     | REV. | A1 |
| ANGULAR                    | ±1°   |           |            |              |   |  | SCALE   | NA | SHEET | 5 OF 5 |      |    |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE  |            | PROJECT CODE |   |  |   |    |       |        |      |    |
|                            |       | CUST DWG  |            | SLOT         |   |  |   |    |       |        |      |    |