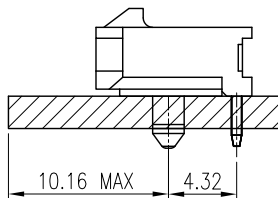
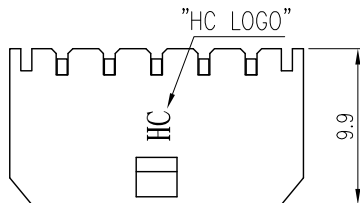


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The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.

ORIGINAL



#### NOTES:

- MATERIAL:  
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, LCP, UL94V-0, COLOR: BLACK.  
TERMINAL: HIGH PERFORMANCE COPPER ALLOY.  
METAL BOARDLOCK: COPPER ALLOY.
- FINISH:  
TERMINAL:  
CONTACT AREA: SELECTIVE PLATING;  
SOLDERING AREA: MATTE TIN PLATING 100  $\mu$  THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50  $\mu$  THICKNESS MIN. OVERALL.  
METAL BOARDLOCK:  
MATTE TIN PLATING 100  $\mu$  THICKNESS MIN.;  
UNDER PLATING: NICKEL PLATING 50  $\mu$  THICKNESS MIN. OVERALL.
- PACKING IS PER AMTA PACKING SPECIFICATION PKS-0001.
- THIS PRODUCT DOESN'T CONTAIN ENVIRONMENTAL HAZARDOUS PER DIRECTIVE 2011/65/EU FOR RoHS COMPLIANT.
- PRODUCT SPECIFICATION REFER TO : PS-7528
- TO ENSURE CURRENT RATING CAPABILITY, PLEASE ADOPT TOTAL SOLUTION.  
(G88MPH CABLE HOUSING SERIES WITH G88MPC CABLE TERMINAL SERIES)



PART NO. G88MPBX0X2XXEU

No. OF CIRCUIT

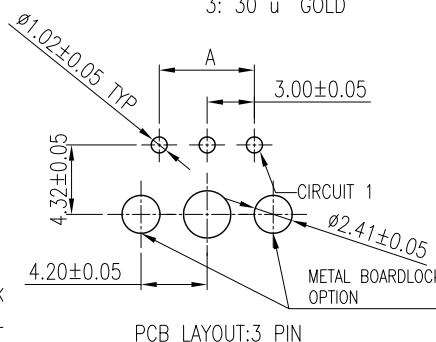
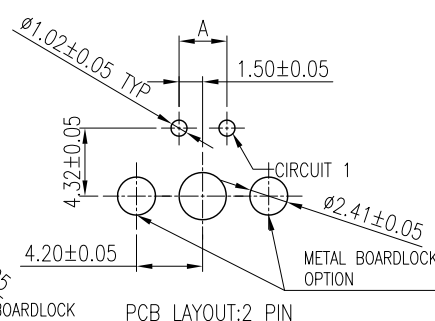
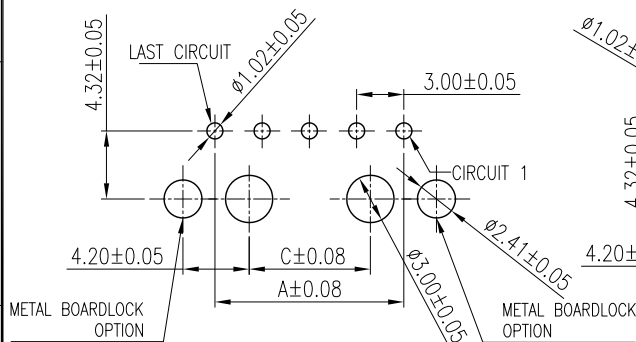
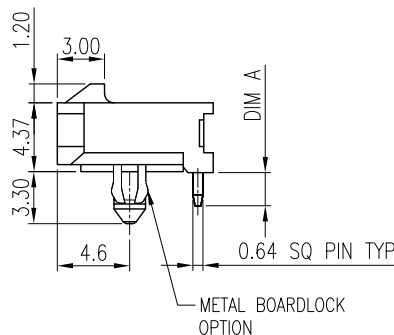
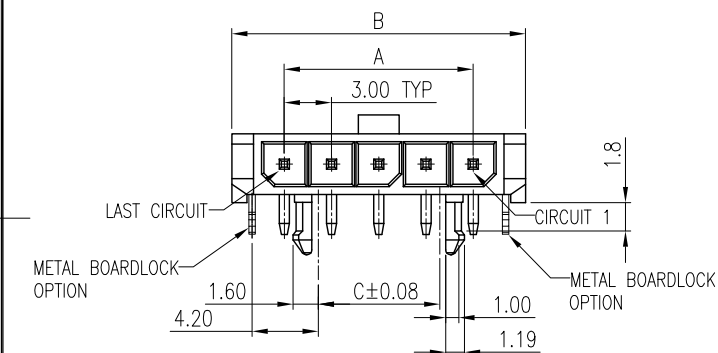
#### CONTACT FINISH

- 0: MATTE TIN (OVERALL)  
UNDER PLATING NICKEL  
50  $\mu$  THICKNESS MIN
- 1: FLASH GOLD (OVERALL)  
2: 15  $\mu$  GOLD  
3: 30  $\mu$  GOLD

DIM A /PACKING OPTIONS/METAL BOARDLOCK

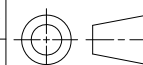
C1: 2.10mm/TRAY/ W/O METAL BOARDLOCK  
C : 3.20mm/TRAY/ W/O METAL BOARDLOCK  
C3: 2.10mm/TRAY/ W/METAL BOARDLOCK  
C4: 3.20mm/TRAY/ W/METAL BOARDLOCK  
1R: 2.10mm/T&R/ W/O METAL BOARDLOCK  
2R: 3.20mm/T&R/ W/O METAL BOARDLOCK  
3R: 2.10mm/T&R/ W/METAL BOARDLOCK  
4R: 3.20mm/T&R/ W/METAL BOARDLOCK

|       |      |       |      |
|-------|------|-------|------|
| 28.70 | 33.0 | 39.65 | 12   |
| 25.70 | 30.0 | 36.65 | 11   |
| 22.70 | 27.0 | 33.65 | 10   |
| 19.70 | 24.0 | 30.65 | 09   |
| 16.70 | 21.0 | 27.65 | 08   |
| 13.70 | 18.0 | 24.65 | 07   |
| 10.70 | 15.0 | 21.65 | 06   |
| 7.70  | 12.0 | 18.65 | 05   |
| 4.70  | 9.0  | 15.65 | 04   |
| NA    | 6.0  | 12.65 | 03   |
| NA    | 3.0  | 9.65  | 02   |
| C     | A    | B     | POS. |



| TOLERANCE                                                              | APPROVALS           | DATE             | TITLE                                                          |  | PART No.       |  |
|------------------------------------------------------------------------|---------------------|------------------|----------------------------------------------------------------|--|----------------|--|
| X. $\pm 0.30$<br>X.X $\pm 0.20$<br>X.XX $\pm 0.10$<br>X.XXX $\pm 0.10$ | DRAWN Aqua Chou     | 05/13/2016       | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |  | G88MPBX0X2XXEU |  |
| ANGULAR $\pm 1^\circ$                                                  | CHECKED Roger Tsai  | 05/13/2016       | UNIT mm                                                        |  | SIZE A3        |  |
| UNLESS OTHERWISE SPECIFIED                                             | APPROVED Roger Tsai | 05/13/2016       | SCALE NA                                                       |  | SHEET 1 OF 5   |  |
|                                                                        | DWG TYPE CUST DWG   | PROJECT CODE PHD | DWG No. G88MPBX0X2XXEU                                         |  | REV. C         |  |

Amphenol®  
Amphenol Corporation  
Amphenol Taiwan Corporation



UNIT mm  
SCALE NA

SIZE A3  
SHEET 1 OF 5

PART No. G88MPBX0X2XXEU  
DWG No. G88MPBX0X2XXEU

REV. C

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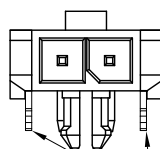
The marking on this product doesn't contain environmental hazardous materials per Material Specification SS-00259 for Sony GP compliant or per directive 2011/65/EU for RoHS compliant.



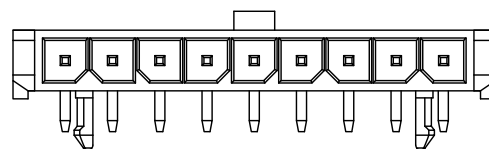
ORIGINAL



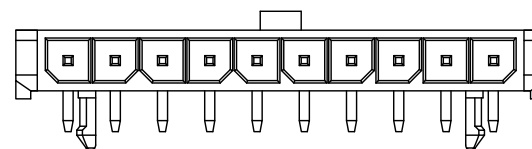
| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |



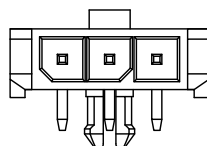
2 POS



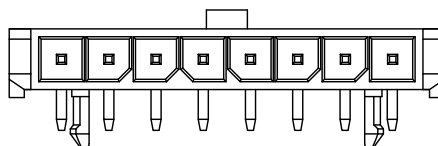
9 POS



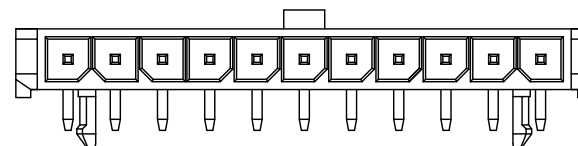
10 POS



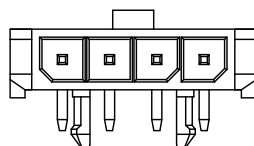
3 POS



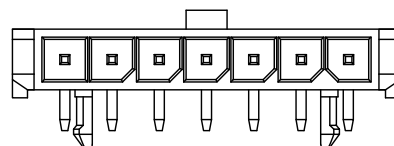
8 POS



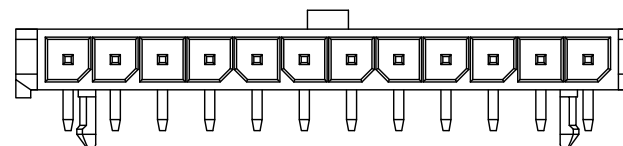
11 POS



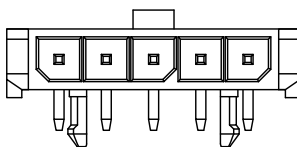
4 POS



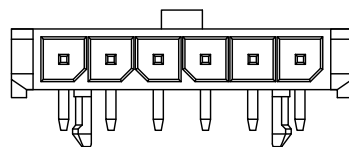
7 POS



12 POS



5 POS



6 POS

METAL BOARDLOCK  
OPTION FOR POS2~12

| TOLERANCE                  |       | APPROVALS            |            | DATE                | TITLE                                                          |                                                                                       |    | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |        |          |                 |      |   |
|----------------------------|-------|----------------------|------------|---------------------|----------------------------------------------------------------|---------------------------------------------------------------------------------------|----|------------------------------------------------------------------|--------|----------|-----------------|------|---|
| X.                         |       | DRAWN                | Aqua Chou  | 05/13/2016          |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
| X.X                        | ±0.30 | CHECKED              | Roger Tsai | 05/13/2016          | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |                                                                                       |    |                                                                  |        |          |                 |      |   |
| X.XX                       | ±0.20 | APPROVED             | Roger Tsai | 05/13/2016          |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
| X.XXX                      | ±0.10 |                      |            |                     |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
| ANGULAR                    | ±1°   |                      |            |                     |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE<br>CUST DWG |            | PROJECT CODE<br>PHD |                                                                |  |    |                                                                  |        |          |                 |      |   |
|                            |       |                      |            |                     |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
|                            |       |                      |            |                     |                                                                |                                                                                       |    |                                                                  |        |          |                 |      |   |
|                            |       |                      |            |                     |                                                                | UNIT                                                                                  | mm | SIZE                                                             | A3     | PART No. | G88MPBXX0X2XXEU |      |   |
|                            |       |                      |            |                     |                                                                | SCALE                                                                                 | NA | SHEET                                                            | 2 OF 5 | DWG No.  | G88MPBXX0X2XXEU | REV. | C |

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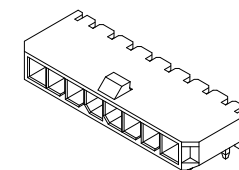


ORIGINAL

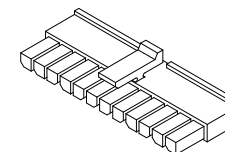


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |

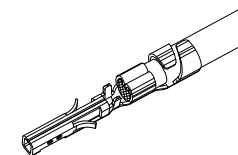
| POS. | BOARD-MOUNT P/N | CABLE HOUSING P/N | CABLE TERMINAL P/N | AWG NO.   | PLATING OPTIONS              |
|------|-----------------|-------------------|--------------------|-----------|------------------------------|
| 02   | G88MPB020X2XXEU | G88MPH0221CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 03   | G88MPB030X2XXEU | G88MPH0321CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 04   | G88MPB040X2XXEU | G88MPH0421CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 05   | G88MPB050X2XXEU | G88MPH0521CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 06   | G88MPB060X2XXEU | G88MPH0621CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 07   | G88MPB070X2XXEU | G88MPH0721EU      | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 08   | G88MPB080X2XXEU | G88MPH0821CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 09   | G88MPB090X2XXEU | G88MPH0921CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 10   | G88MPB100X2XXEU | G88MPH1021CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 11   | G88MPB110X2XXEU | G88MPH1121CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |
| 12   | G88MPB120X2XXEU | G88MPH1221CEU     | G88MPCX232CEU      | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
|      |                 |                   | G88MPCX332CEU      | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD  |



AMPHENOL BOARD-MOUNT



AMPHENOL CABLE HOUSING



AMPHENOL CABLE TERMINAL

NOTE:  
TO ENSURE CURRENT RATING CAPABILITY,  
PLEASE ADOPT TOTAL SOLUTION.  
(G88MPH CABLE HOUSING SERIES WITH  
G88MPC CABLE TERMINAL SERIES)

| TOLERANCE                  |       | APPROVALS            |                     | DATE       | TITLE<br>G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |            |            | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |         |                 |                 |
|----------------------------|-------|----------------------|---------------------|------------|-------------------------------------------------------------------------|------------|------------|------------------------------------------------------------------|---------|-----------------|-----------------|
| X.                         |       | DRAWN                | Aqua Chou           | 05/13/2016 |                                                                         |            |            | PART No.                                                         |         |                 | G88MPBXX0X2XXEU |
| X.X                        | ±0.30 | CHECKED              | Roger Tsai          | 05/13/2016 |                                                                         | UNIT<br>mm | SIZE<br>A3 | SHEET<br>3 OF 5                                                  | DWG No. | G88MPBXX0X2XXEU | REV.<br>C       |
| X.XX                       | ±0.20 |                      |                     |            |                                                                         |            |            |                                                                  |         |                 |                 |
| X.XXX                      | ±0.10 | APPROVED             | Roger Tsai          | 05/13/2016 |                                                                         |            |            |                                                                  |         |                 |                 |
| ANGULAR                    | ±1°   |                      |                     |            |                                                                         |            |            |                                                                  |         |                 |                 |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE<br>CUST DWG | PROJECT CODE<br>PHD |            |                                                                         |            |            |                                                                  |         |                 |                 |

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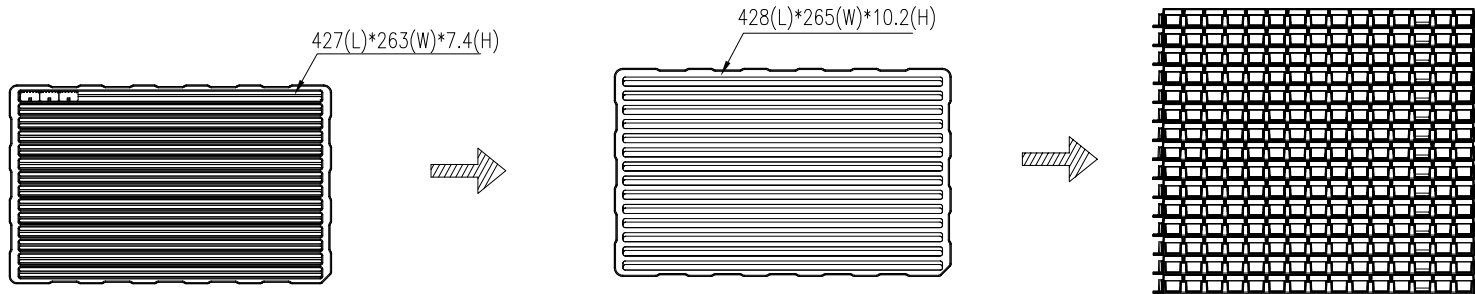
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ORIGINAL

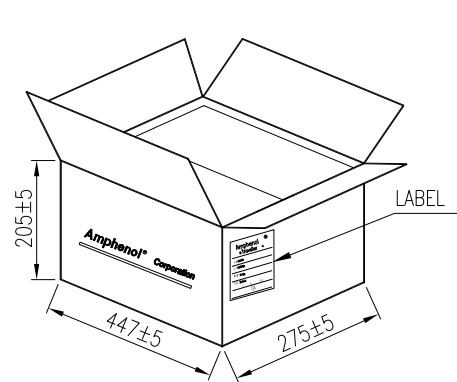


| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |



TRAY BOTTOM COVER

TRAY TOP COVER



(15 INSIDE CARTON)

| POS | PCS/TRAY | PCS/CARTON |
|-----|----------|------------|
| 02  | 574      | 8610       |
| 03  | 434      | 6510       |
| 04  | 350      | 5250       |
| 05  | 294      | 4410       |
| 06  | 252      | 3780       |
| 07  | 224      | 3360       |
| 08  | 196      | 2940       |
| 09  | 182      | 2730       |
| 10  | 154      | 2310       |
| 11  | 140      | 2100       |
| 12  | 140      | 2100       |

| TOLERANCE                  |       | APPROVALS           |                  | DATE       | TITLE                                                          |          |              | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |        |  |
|----------------------------|-------|---------------------|------------------|------------|----------------------------------------------------------------|----------|--------------|------------------------------------------------------------------|--------|--|
| X.                         |       | DRAWN               | Aqua Chou        | 05/13/2016 | G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |          |              | PART No. G88MPBXX0X2XXEU                                         |        |  |
| X.X                        | ±0.30 | CHECKED             | Roger Tsai       | 05/13/2016 |                                                                |          |              |                                                                  |        |  |
| X.XX                       | ±0.20 |                     |                  |            |                                                                |          |              |                                                                  |        |  |
| X.XXX                      | ±0.10 |                     |                  |            |                                                                |          |              |                                                                  |        |  |
| ANGULAR ±1°                |       | APPROVED Roger Tsai |                  | 05/13/2016 |                                                                | UNIT mm  | SIZE A3      |                                                                  |        |  |
| UNLESS OTHERWISE SPECIFIED |       | DWG TYPE CUST DWG   | PROJECT CODE PHD |            |                                                                | SCALE NA | SHEET 4 OF 5 | DWG No. G88MPBXX0X2XXEU                                          | REV. C |  |

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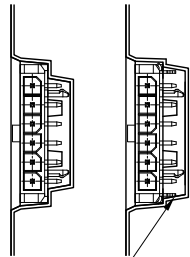
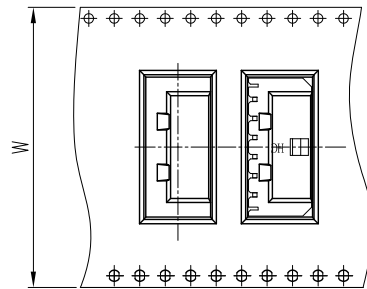
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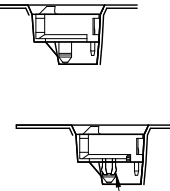
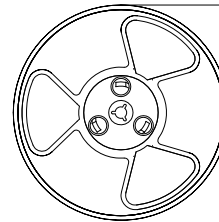
ORIGINAL



| REVISIONS |          |                                               |            |            |
|-----------|----------|-----------------------------------------------|------------|------------|
| SYM       | ECN No.  | DESCRIPTION                                   | DATE       | APPROVED   |
| A         | NE-14096 | RELEASE TO PRODUCTION                         | 05/21/2014 | Arron Lin  |
| B         | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin  |
| C         | NE-16117 | ADDED METAL BOARDLOCK OPTION                  | 05/13/2016 | Roger Tsai |



PULL OUT DIRECTION

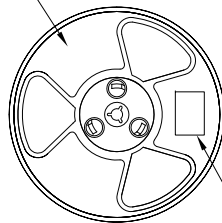


METAL BOARDLOCK OPTION

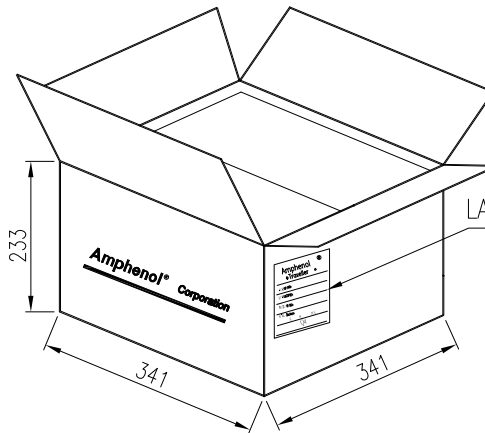
METAL BOARDLOCK OPTION



REEL



LABEL 1



LABEL 2

| POS | W  | PCS/REEL | PCS/CARTON |
|-----|----|----------|------------|
| 12  | 56 | 400      | 1200       |
| 11  | 56 | 400      | 1200       |
| 10  | 56 | 400      | 1200       |
| 09  | 56 | 400      | 1200       |
| 08  | 44 | 400      | 1600       |
| 07  | 44 | 400      | 1600       |
| 06  | 44 | 400      | 1600       |
| 05  | 32 | 400      | 2000       |
| 04  | 32 | 400      | 2000       |
| 03  | 24 | 400      | 2800       |
| 02  | 24 | 400      | 2800       |

|                                         |
|-----------------------------------------|
| P/N :                                   |
| QTY : XX                                |
| P/O : XXX-XXXXXX-XXX                    |
| DATE : XX / XX / XXXX<br>MM / DD / YYYY |
| G.W : XX KG                             |
| RoHS                                    |
| Amphenol Taiwan Corporation             |
| LABEL1 & LABEL2                         |

| TOLERANCE |       | APPROVALS                  |            | DATE                | TITLE<br>G88MP SERIES MICRO<br>POWER PLUS 3.0 PITCH<br>S/R R/A DIP TYPE |            |                 | Amphenol®<br>Amphenol Corporation<br>Amphenol Taiwan Corporation |  |  |
|-----------|-------|----------------------------|------------|---------------------|-------------------------------------------------------------------------|------------|-----------------|------------------------------------------------------------------|--|--|
| X.        |       | DRAWN                      | Aqua Chou  | 05/13/2016          |                                                                         |            |                 |                                                                  |  |  |
| X.X       | ±0.30 | CHECKED                    | Roger Tsai | 05/13/2016          |                                                                         |            |                 | PART No.<br>G88MPBXX0X2XXEU                                      |  |  |
| X.XX      | ±0.20 | APPROVED                   | Roger Tsai | 05/13/2016          |                                                                         |            |                 |                                                                  |  |  |
| X.XXX     | ±0.10 | DWG TYPE                   | CUST DWG   | PROJECT CODE<br>PHD | UNIT<br>mm                                                              | SIZE<br>A3 | SHEET<br>5 OF 5 | DWG No.<br>G88MPBXX0X2XXEU                                       |  |  |
| ANGULAR   | ±1°   | UNLESS OTHERWISE SPECIFIED |            |                     | SCALE<br>NA                                                             |            |                 |                                                                  |  |  |
|           |       |                            |            |                     |                                                                         |            |                 | REV. C                                                           |  |  |