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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.

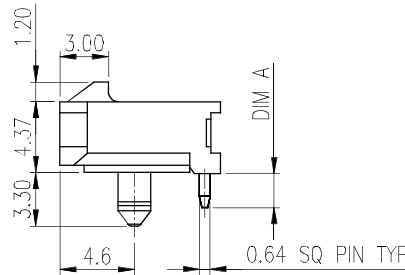
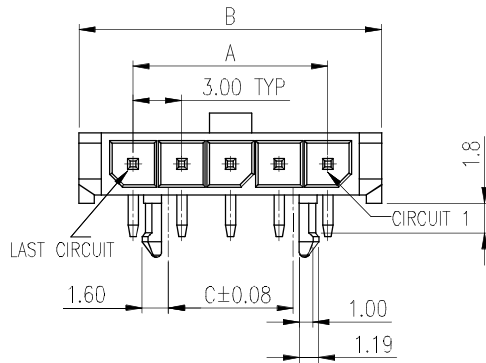
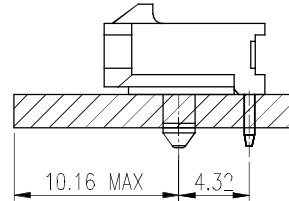
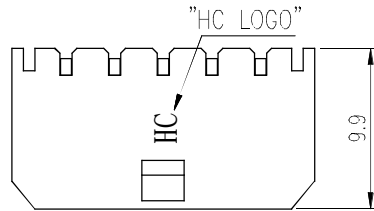


ORIGINAL

| 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 |

NOTES:

- MATERIAL:
HOUSING: HIGH TEMPERATURE THERMAL PLASTIC, LCP, UL94V-0, COLOR: BLACK.
TERMINAL: HIGH PERFORMANCE COPPER ALLOY.
- FINISH:
TERMINAL:
CONTACT AREA: SELECTIVE PLATING.;
SOLDERING AREA: MATTE TIN PLATING 100 μ" THICKNESS MIN.;
UNDER PLATING: NICKEL PLATING 50 μ" 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)



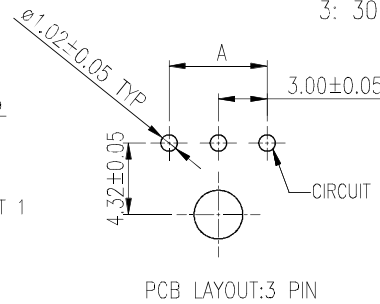
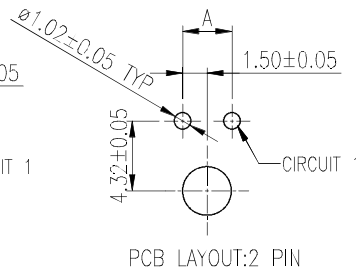
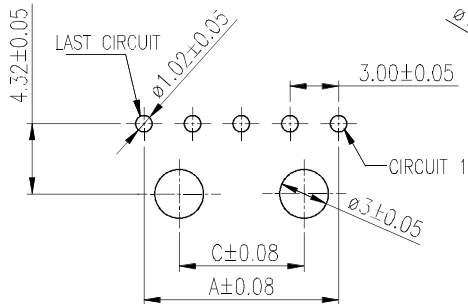
PART NO. G88MPBXX0X2XXEU

No. OF CIRCUIT ——— DIM A /PACKING OPTIONS

- C1: 2.10mm(TRAY)
- C : 3.20mm(TRAY)
- 1R: 2.10mm(T&R)
- 2R: 3.20mm(T&R)

CONTACT FINISH

- 0: MATTE TIN (OVERALL)
 - 1: FLASH GOLD (OVERALL)
 - 2: 15 u" GOLD
 - 3: 30 u" GOLD
- UNDER PLATING NICKEL 50 μ" THICKNESS MIN



| | | | |
|-------|------|-------|------|
| 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. |

PCB LAYOUT:COMPONENT SIDE
RECOMMENDED PCB THICKNESS:1.57
4-12 CIRCUIT HEADERS

| TOLERANCE | APPROVALS | DATE | TITLE | | PART No. | |
|----------------------------------------------|-----------------------|---------------------|----------------------------------------------------------------|--|-----------------|-------------------------|
| X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 | DRAWN Debby Hung | 02/02/2015 | G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE | | G88MPBXX0X2XXEU | |
| ANGULAR ±1° | CHECKED Roger Tsai | 02/02/2015 | UNIT mm | | SIZE A3 | DWG No. G88MPBXX0X2XXEU |
| UNLESS OTHERWISE SPECIFIED | APPROVED Arron Lin | 02/02/2015 | SCALE NA | | SHEET 1 OF 5 | REV. B |
| | DWG TYPE CUST DWG | PROJECT CODE PHD | | | | |

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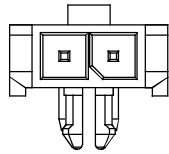
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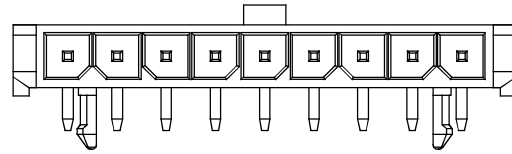
ORIGINAL



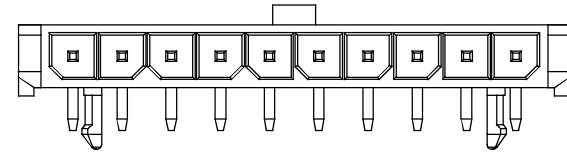
| REVISIONS | | | | |
|-----------|----------|-----------------------------------------------|------------|-----------|
| SYM | ECN No. | DESCRIPTION | DATE | APPROVED |
| A | NE-14096 | RELEASE TO PRODUCTION | 05/21/2014 | Arron Lin |
| B | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin |



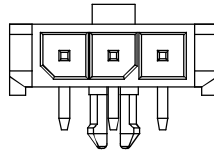
2 POS



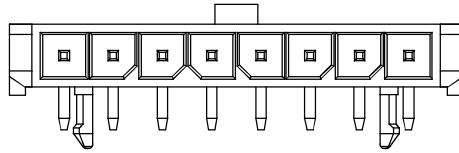
9 POS



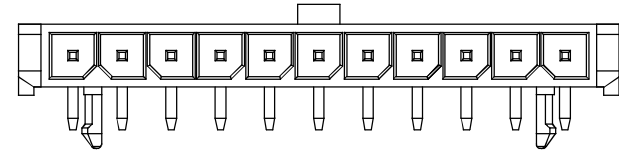
10 POS



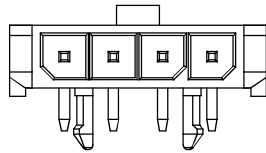
3 POS



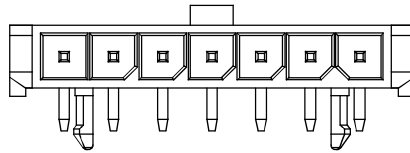
8 POS



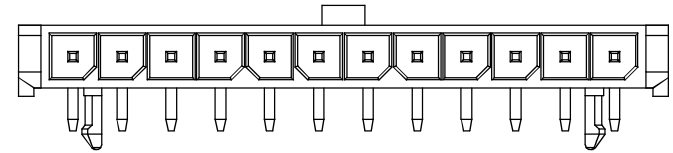
11 POS



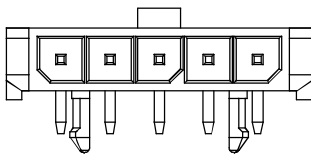
4 POS



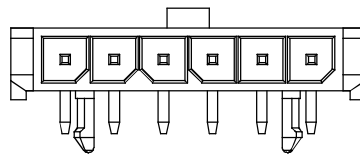
7 POS



12 POS



5 POS



6 POS

| TOLERANCE | APPROVALS | DATE | TITLE | | | Amphenol® | | |
|----------------------------------------------|-----------------------|---------------------|----------------------------------------------------------------|-----------------|----------------------------|-----------------------------------------------------|-----------------------------|--|
| X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 | DRAWN Debby Hung | 02/02/2015 | G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE | | | Amphenol Corporation Amphenol Taiwan Corporation | | |
| | CHECKED Roger Tsai | 02/02/2015 | | | | | | |
| | APPROVED Arron Lin | 02/02/2015 | | | | | | |
| ANGULAR ±1° | DWG TYPE CUST DWG | PROJECT CODE PHD | | | UNIT mm | SIZE A3 | PART No. G88MPBXX0X2XXEU | |
| UNLESS OTHERWISE SPECIFIED | | | SCALE NA | SHEET 2 OF 5 | DWG No. G88MPBXX0X2XXEU | REV. B | | |

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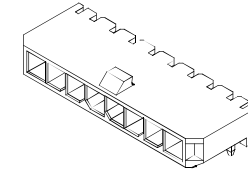


ORIGINAL

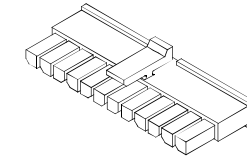


| REVISIONS | | | | |
|-----------|----------|-----------------------------------------------|------------|-----------|
| SYM | ECN No. | DESCRIPTION | DATE | APPROVED |
| A | NE-14096 | RELEASE TO PRODUCTION | 05/21/2014 | Arron Lin |
| B | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin |

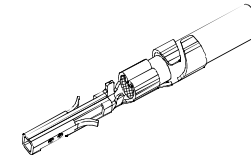
| POS. | BOARD-MOUNT P/N | CABLE HOUSING P/N | CABLE TERMINAL P/N | AWG NO. | PLATING OPTIONS |
|------|-----------------|-------------------|--------------------|-----------|------------------------------|
| 02 | G88MPB020X2XEU | G88MPH0221CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 03 | G88MPB030X2XEU | G88MPH0321CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 04 | G88MPB040X2XEU | G88MPH0421CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 05 | G88MPB050X2XEU | G88MPH0521CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 06 | G88MPB060X2XEU | G88MPH0621CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 07 | G88MPB070X2XEU | G88MPH0721EU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 08 | G88MPB080X2XEU | G88MPH0821CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 09 | G88MPB090X2XEU | G88MPH0921CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 10 | G88MPB100X2XEU | G88MPH1021CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 11 | G88MPB110X2XEU | G88MPH1121CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 12 | G88MPB120X2XEU | 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 | | | Amphenol® | | | |
|----------------------------------------------------------------------------------|-----------------------|---------------------|----------------------------------------------------------------|------------|-----------------------------|-----------------------------------------------------|-----------------|----------------------------|-----------|
| X. ±0.30 X.X ±0.20 X.XX ±0.10 ANGULAR ±1° UNLESS OTHERWISE SPECIFIED | DRAWN Debby Hung | 02/02/2015 | G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE | | | Amphenol Corporation Amphenol Taiwan Corporation | | | |
| | CHECKED Roger Tsai | 02/02/2015 | | | | | | | |
| | APPROVED Arron Lin | 02/02/2015 | | | | | | | |
| | DWG TYPE CUST DWG | PROJECT CODE PHD | UNIT mm | SIZE A3 | PAPT No. G88MPBXX0X2XXEU | SCALE NA | SHEET 3 OF 5 | DWG No. G88MPBXX0X2XXEU | REV. B |

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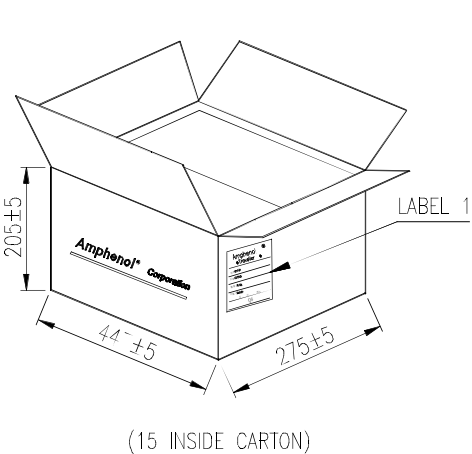
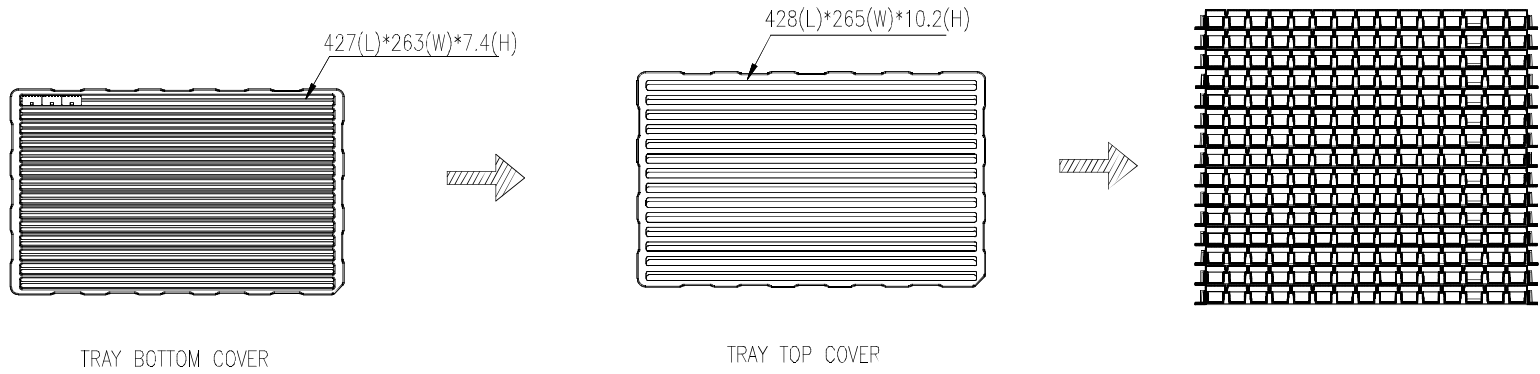
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ORIGINAL



| 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 |



| 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 | | UNIT | | SIZE | | PART No. | |
|----------------------------|--------------------|------------|----------------------------------------------------------------|--|------------------|--|--------------|--|-------------------------|--|
| X. ±0.30 | DRAWN Debby Hung | 02/02/2015 | G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE | | mm | | A3 | | G88MPBXX0X2XXEU | |
| >.XX ±0.20 | CHECKED Roger Tsai | 02/02/2015 | | | SCALE NA | | SHEET 4 OF 5 | | DWG No. G88MPBXX0X2XXEU | |
| >.XXX ±0.10 | APPROVED Arron Lin | 02/02/2015 | | | PROJECT CODE PHD | | REV. B | | | |
| ANGULAR ±1° | DWG TYPE CUST DWG | | | | | | | | | |
| UNLESS OTHERWISE SPECIFIED | | | | | | | | | | |

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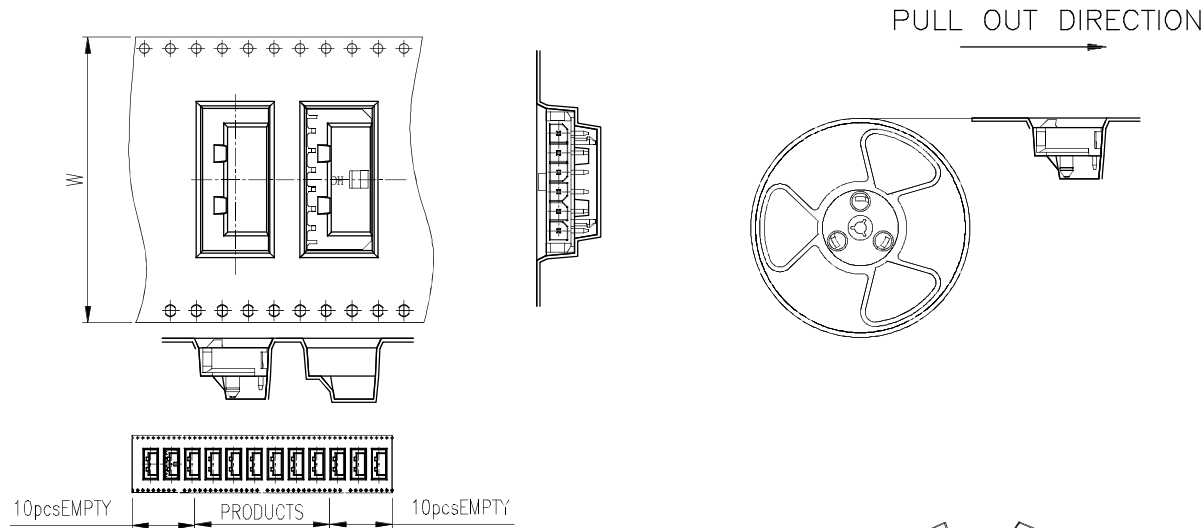
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ORIGINAL



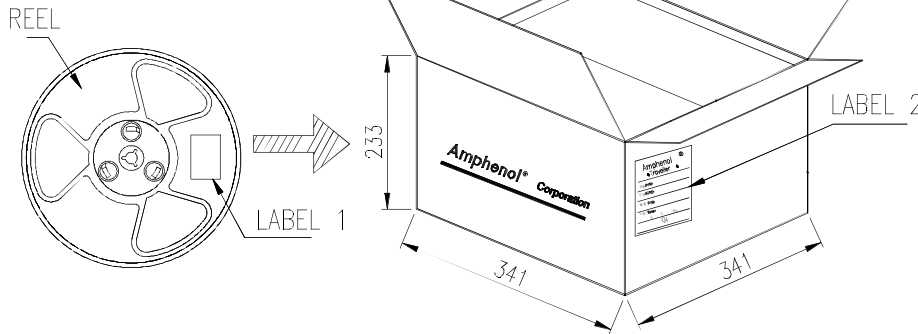
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| POS | W | PCS/REEL | PCS/CARTON |
|-----|----|----------|------------|
| 12 | 56 | 400 | 1200 |
| 11 | 56 | 400 | 1200 |
| 10 | 56 | 400 | 1200 |
| 09 | 56 | 400 | 1200 |
| 08 | 44 | 400 | 1600 |
| 07 | 44 | 400 | 1600 |
| 06 | 44 | 400 | 1600 |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

| |
|-----------------------------------------|
| P/N : |
| Q'TY : XX |
| P/O : XXX-XXXXXX-XXX |
| DATE : XX / XX / XXXX MM / DD / YYYY |
| G.W : XX KG RoHS |
| Amphenol Taiwan Corporation |

LABEL1 & LABEL2



| TOLERANCE | APPROVALS | DATE | TITLE | | | Amphenol® | | |
|----------------------------------------------|-----------------------|---------------------|----------------------------------------------------------------|-------------|-----------------|-----------------------------------------------------|-----------|--|
| X. X.X ±0.30 X.XX ±0.20 X.XXX ±0.10 | DRAWN Debby Hung | 02/02/2015 | G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE | | | Amphenol Corporation Amphenol Taiwan Corporation | | |
| ANGULAR ±1° | CHECKED Roger Tsai | 02/02/2015 | | UNIT mm | SIZE A3 | PAPT No. G88MPBXX0X2XXEU | | |
| UNLESS OTHERWISE SPECIFIED | APPROVED Arron Lin | 02/02/2015 | | SCALE NA | SHEET 5 OF 5 | DWG No. G88MPBXX0X2XXEU | REV. B | |
| | DWG TYPE CUST DWG | PROJECT CODE PHD | | | | | | |