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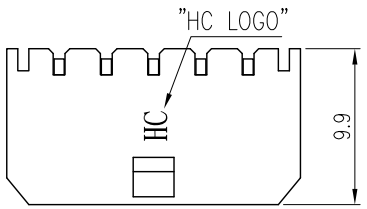
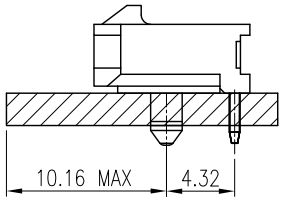
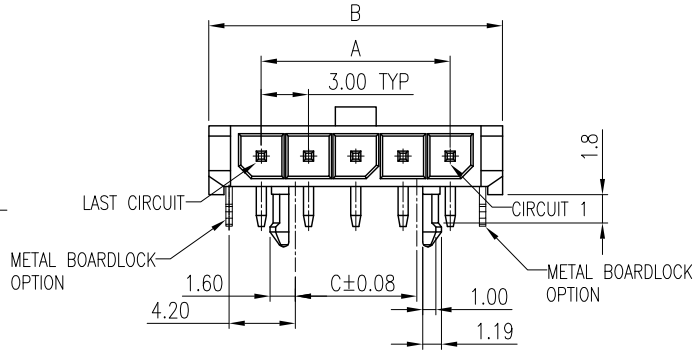
ORIGINAL

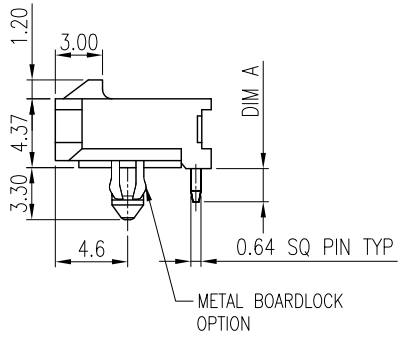
| REVISIONS | | | | |
|---|---|---|---|---|
| SYM | ECN No. | DESCRIPTION | DATE | APPROVED |
| A | NE-14096 | RELEASE TO PRODUCTION | 05/21/2014 | Arron Lin |
| B | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin |
| C | NE-16117 | ADDED METAL BOARDLOCK OPTION | 05/13/2016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

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



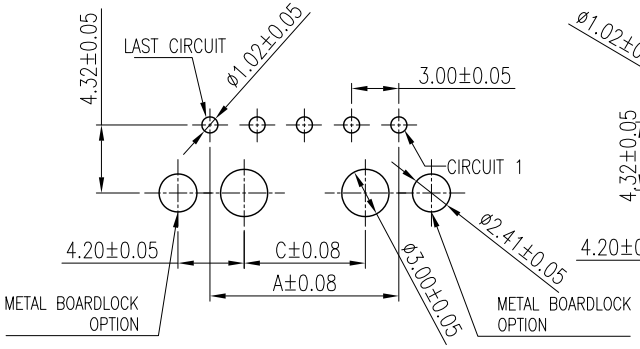




PART NO. G88MPBXX0X2XXEU

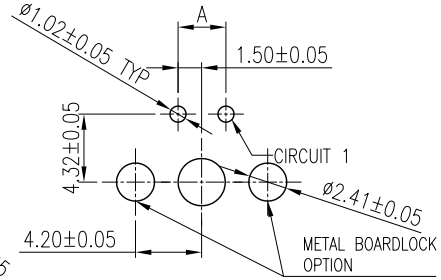
No. OF CIRCUIT

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

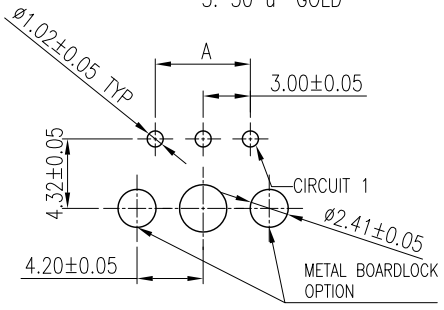
DIM A /PACKING OPTIONS/METAL BOARDLOCK
- C1: 2.10mm/TRAY/ W/O METAL BOARDLOCK
- C : 3.20mm/TRAY/ W/O METAL BOARDLOCK
- C3: 2.10mm/TRAY/ W/METAL BOARDLOCK
- C4: 3.20mm/TRAY/ W/METAL BOARDLOCK
- 1R: 2.10mm/T&R/ W/O METAL BOARDLOCK
- 2R: 3.20mm/T&R/ W/O METAL BOARDLOCK
- 3R: 2.10mm/T&R/ W/METAL BOARDLOCK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




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




PCB LAYOUT:2 PIN




PCB LAYOUT:3 PIN

| | | | |
|---|---|---|---|
| 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 |
|---|---|---|
| X. ±0.30<br>X.X ±0.20<br>X.XX ±0.10<br>X.XXX ±0.10<br>ANGULAR ±1°<br>UNLESS OTHERWISE SPECIFIED | DRAWN: Aqua Chou | 05/13/2016 |
| | CHECKED: Roger Tsai | 05/13/2016 |
| | APPROVED: Roger Tsai | 05/13/2016 |
| | DWG TYPE: CUST DWG | PROJECT CODE: PHD |

TITLE: G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

| UNIT | SIZE | PART No. | |
|---|---|---|---|
| mm | A3 | G88MPBXX0X2XXEU | |
| SCALE: NA | SHEET: 1 OF 5 | DWG No. G88MPBXX0X2XXEU | REV. C |

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Amphenol Taiwan RoHS compliant 2011/65/EU

ORIGINAL

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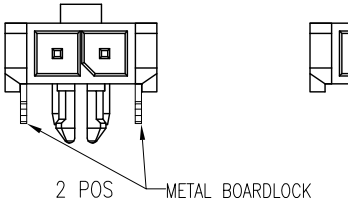
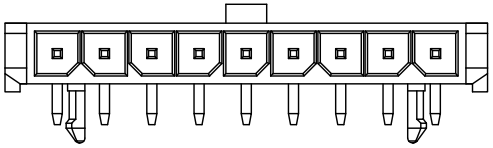
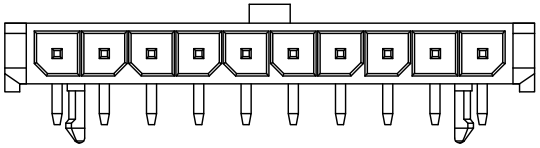


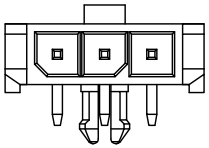

2 POS



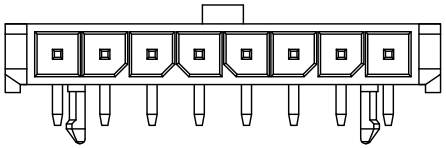
9 POS



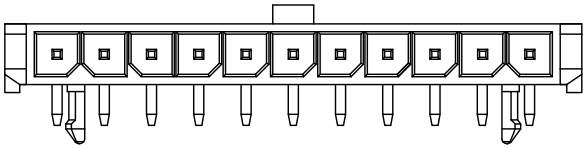
10 POS



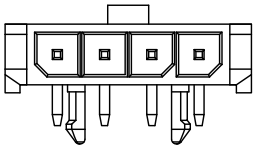
3 POS



8 POS



11 POS



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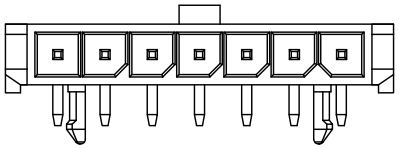

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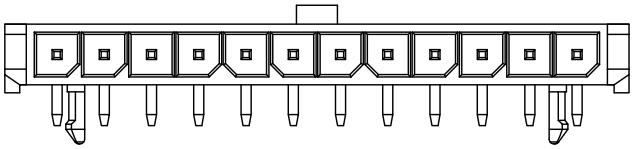

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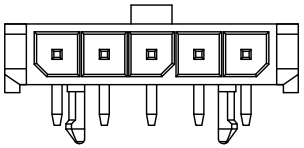
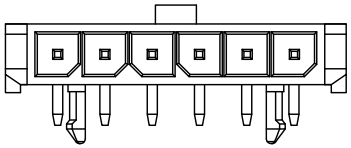


5 POS



6 POS

| TOLERANCE | APPROVALS | DATE |
|---|---|---|
| X. | DRAWN Aqua Chou | 05/13/2016 |
| X.X ±0.30 | CHECKED Roger Tsai | 05/13/2016 |
| X.XX ±0.20 | APPROVED Roger Tsai | 05/13/2016 |
| X.XXX ±0.10 | | |
| ANGULAR ±1° | | |
| UNLESS OTHERWISE SPECIFIED | DWG TYPE CUST DWG | PROJECT CODE PHD |

TITLE: G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

| UNIT | SIZE | PART No. |
|---|---|---|
| mm | A3 | G88MPBXX0X2XXEU |
| SCALE | SHEET | DWG No. / REV. |
| NA | 2 OF 5 | G88MPBXX0X2XXEU / C |

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Amphenol Taiwan RoHS Compliant 2011/65/EU

ORIGINAL

ISSUED BY AMPHENOL TAIWAN PDF Format D.C.

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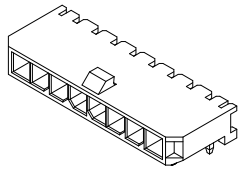
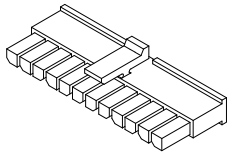
| C | NE-16117 | ADDED METAL BOARDLOCK OPTION | 05/13/2016 | Roger Tsai |

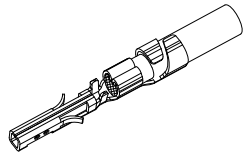
| POS. | BOARD-MOUNT P/N | CABLE HOUSING P/N | CABLE TERMINAL P/N | AWG NO. | PLATING OPTIONS |
|---|---|---|---|---|---|
| 02 | G88MPB020X2XXEU | G88MPH0221CEU | G88MPCX232CEU | AWG#16~18 | 0: TIN 100u" ; 1: FLASH GOLD |
| | | | G88MPCX332CEU | AWG#20~30 | 2: 15u" GOLD ; 3: 30u" GOLD |
| 03 | G88MPB030X2XXEU | 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 |
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| X. | DRAWN Aqua Chou | 05/13/2016 |
| X.X ±0.30 | CHECKED Roger Tsai | 05/13/2016 |
| X.XX ±0.20 | APPROVED Roger Tsai | 05/13/2016 |
| X.XXX ±0.10 | | |
| ANGULAR ±1° | | |
| UNLESS OTHERWISE SPECIFIED | DWG TYPE CUST DWG | PROJECT CODE PHD |

TITLE: G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE

| UNIT | SIZE |
|---|---|
| mm | A3 |
| SCALE | SHEET |
| NA | 3 OF 5 |

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PART No. G88MPBXX0X2XXEU

DWG No. G88MPBXX0X2XXEU REV. C

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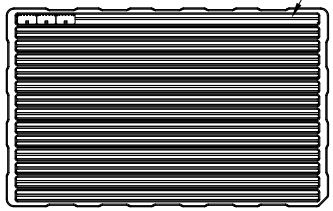
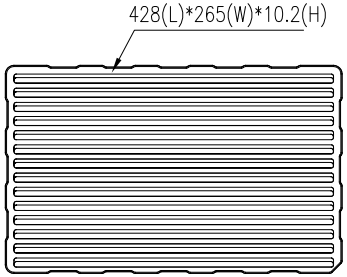
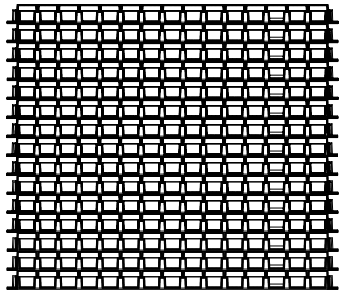
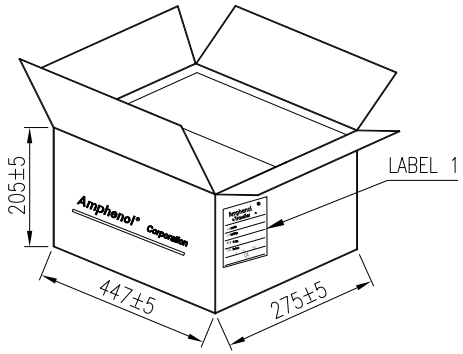



TRAY BOTTOM COVER




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 |

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| X.XXX ±0.10 | | |
| ANGULAR ±1° | | |
| UNLESS OTHERWISE SPECIFIED | DWG TYPE CUST DWG | PROJECT CODE PHD |

TITLE: G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

| UNIT | SIZE | PART No. |
|---|---|---|
| mm | A3 | G88MPBXX0X2XXEU |
| SCALE NA | SHEET 4 OF 5 | DWG No. G88MPBXX0X2XXEU REV. C |

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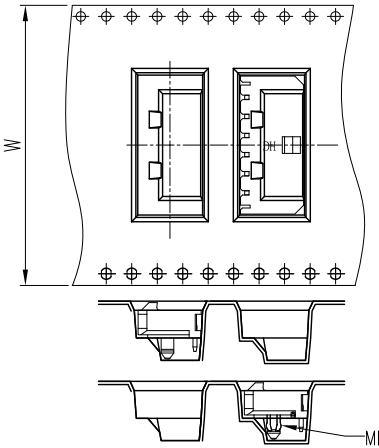
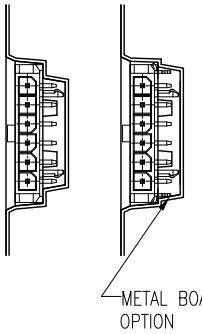
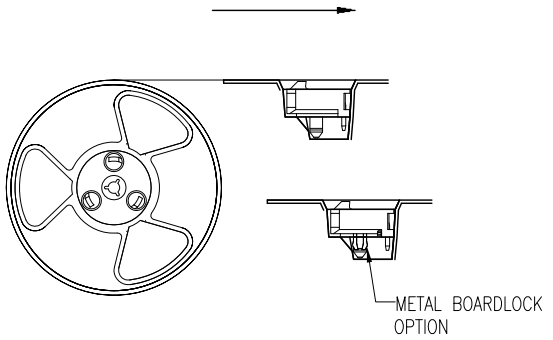
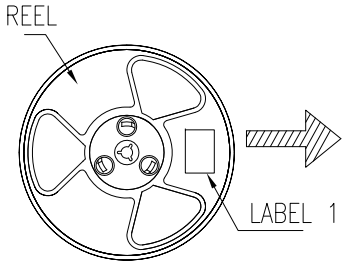
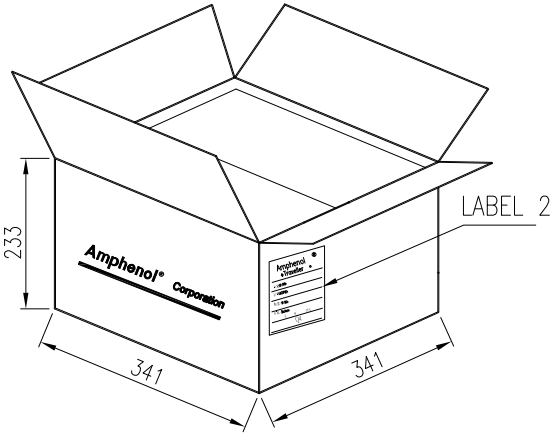
| B | NE-15016 | COMBINE DRAWING FOR PACKAGE AND TAIL OPTIONS. | 02/02/2015 | Arron Lin |
| C | NE-16117 | ADDED METAL BOARDLOCK OPTION | 05/13/2016 | Roger Tsai |






| POS | 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<br>MM / DD / YYYY | |
| G.W : XX KG | RoHS |
| Amphenol Taiwan Corporation | |

LABEL1 & LABEL2

| TOLERANCE | APPROVALS | DATE |
|---|---|---|
| X. | DRAWN Aqua Chou | 05/13/2016 |
| X.X ±0.30<br>X.XX ±0.20<br>X.XXX ±0.10 | CHECKED Roger Tsai | 05/13/2016 |
| ANGULAR ±1° | APPROVED Roger Tsai | 05/13/2016 |
| UNLESS OTHERWISE SPECIFIED | DWG TYPE CUST DWG | PROJECT CODE PHD |

TITLE: G88MP SERIES MICRO POWER PLUS 3.0 PITCH S/R R/A DIP TYPE

Amphenol®
Amphenol Corporation
Amphenol Taiwan Corporation

| UNIT | SIZE | PART No. | |
|---|---|---|---|
| mm | A3 | G88MPBXX0X2XXEU | |
| SCALE NA | SHEET 5 OF 5 | DWG No. G88MPBXX0X2XXEU | REV. C |

# OCEAN CHIPS
## Океан Электроники
## Поставка электронных компонентов

Компания «Океан Электроники» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Поставка оригинальных импортных электронных компонентов напрямую с производств Америки, Европы и Азии, а так же с крупнейших складов мира;
- Широкая линейка поставок активных и пассивных импортных электронных компонентов (более 30 млн. наименований);
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Помощь Конструкторского Отдела и консультации квалифицированных инженеров;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Поставка электронных компонентов под контролем ВП;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- При необходимости вся продукция военного и аэрокосмического назначения проходит испытания и сертификацию в лаборатории (по согласованию с заказчиком);
- Поставка специализированных компонентов военного и аэрокосмического уровня качества (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Actel, Aeroflex, Peregrine, VPT, Syfer, Eurofarad, Texas Instruments, MS Kennedy, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Компания «Океан Электроники» является официальным дистрибьютором и эксклюзивным представителем в России одного из крупнейших производителей разъемов военного и аэрокосмического назначения «**JONHON**», а так же официальным дистрибьютором и эксклюзивным представителем в России производителя высокотехнологичных и надежных решений для передачи СВЧ сигналов «**FORSTAR**».

AVIC JONHON

**«JONHON»** (основан в 1970 г.)

Разъемы специального, военного и аэрокосмического назначения:

(Применяются в военной, авиационной, аэрокосмической, морской, железнодорожной, горно- и нефтедобывающей отраслях промышленности)

**«FORSTAR»** (основан в 1998 г.)

ВЧ соединители, коаксиальные кабели, кабельные сборки и микроволновые компоненты:

(Применяются в телекоммуникациях гражданского и специального назначения, в средствах связи, РЛС, а так же военной, авиационной и аэрокосмической отраслях промышленности).

FORSTAR®

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