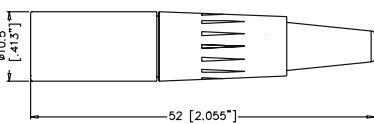
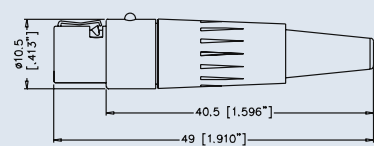
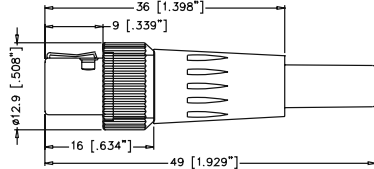
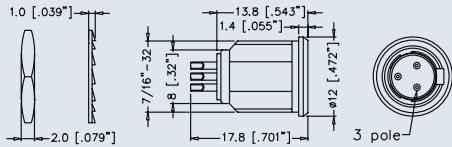
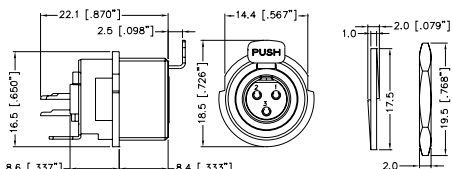
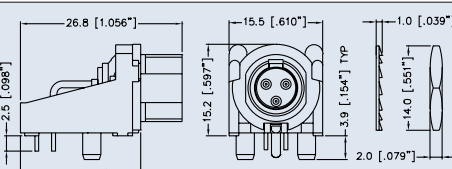
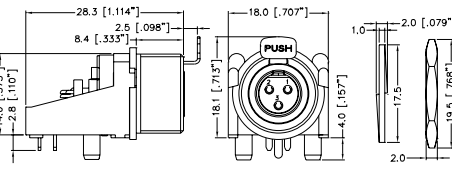




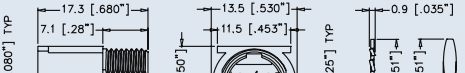
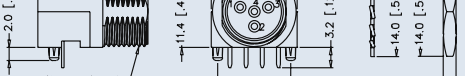
**Features:**

- Miniature version of the standard XLR series
- Diecast or Precision machined metal housings
- Metal cable clamp
- Precision machined pin contacts
- Stamped socket contacts
- Solder cup or Printed Circuit board contacts
- Available in 3, 4, 5 or 6 contacts
- Positive latchlock
- Flexible cable grommet

**Part Number Breakdown: Page 124    Specifications: Page 125**  
**PCB Footprints: Page 126    Panel Cutouts: Page 126**

| PRODUCT - FIGURE                                                                    | DRAWING                                                                             | Dimensions in mm (inches) | DESCRIPTION                                                                        | VARIATIONS                           | PART NUMBER                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
|    |    |                           | Male cable connector,<br>Machined contacts,<br>Nickel Finish                       | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3M<br>AG4M<br>AG5M<br>AG6M             |
|   |   |                           | Female cable connector,<br>Stamped contacts,<br>Nickel Finish                      | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3F<br>AG4F<br>AG5F<br>AG6F             |
|  |  |                           | Female cable connector with locking ring,<br>Stamped contacts,<br>Nickel Finish.   | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3FL<br>AG4FL<br>AG5FL<br>AG6FL         |
|  |  |                           | Male chassis connector,<br>Machined contacts,<br>Nickel Finish                     | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3MCC<br>AG4MCC<br>AG5MCC<br>AG6MCC     |
|  |  |                           | Female chassis connector,<br>Stamped contacts,<br>Nickel Finish                    | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3FCE<br>AG4FCE<br>AG5FCE<br>AG6FCE     |
|  |  |                           | Male chassis connector,<br>Horizontal PCB,<br>Machined contacts,<br>Nickel Finish  | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3MCCH<br>AG4MCCH<br>AG5MCCH<br>AG6MCCH |
|  |  |                           | Female chassis connector,<br>Horizontal PCB,<br>Stamped contacts,<br>Nickel Finish | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3FCCH<br>AG4FCCH<br>AG5FCCH<br>AG6FCCH |

## G TYPE CONNECTORS

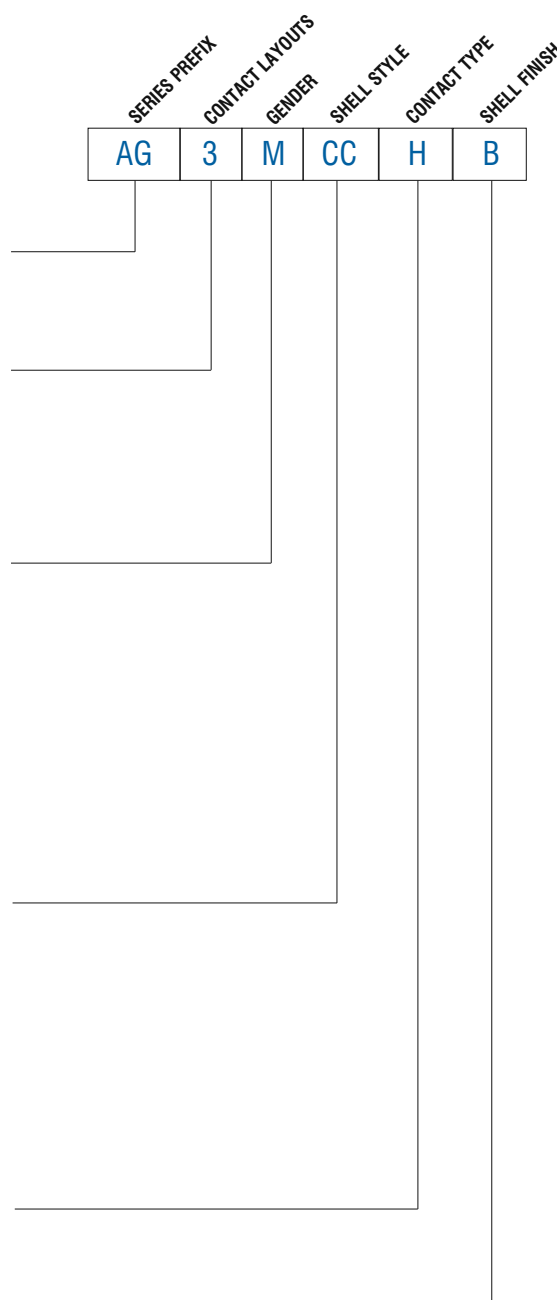
|                                                                                   |                                                                                   |                                                                                |                                      |                                          |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------|--------------------------------------|------------------------------------------|
|  |  | Male chassis connector, Horizontal PCB, Machined contacts, Thermoplastic shell | 4 pole                               | AG4MPCH                                  |
|                                                                                   |  | Female chassis connector, Stamped contacts, Nickel Finish                      | 3 pole<br>4 pole<br>5 pole<br>6 pole | AG3FCRV<br>AG4FCRV<br>AG5FCRV<br>AG6FCRV |

## PART NUMBER BREAKDOWN

## G TYPE CONNECTORS

E. G. **AG3MCCHB**  
**AG** (Series Prefix), **3** contacts, **Male**, **C**hassis **C**onnector, **H**orizontal PCB Contacts,  
**B**lack finish.

|                        |       |   |                                                               |
|------------------------|-------|---|---------------------------------------------------------------|
| <b>SERIES PREFIX</b>   | AG    | = | Series Prefix                                                 |
| <b>CONTACT LAYOUTS</b> | 3     | = | 3 Contacts                                                    |
|                        | 4     | = | 4 Contacts                                                    |
|                        | 5     | = | 5 Contacts                                                    |
|                        | 6     | = | 6 Contacts                                                    |
| <b>GENDER</b>          | F     | = | Female Socket Contacts                                        |
|                        | M     | = | Male Pin Contacts                                             |
|                        | Blank | = | Cable Connector Standard (Male or Female)                     |
| <b>SHELL STYLE</b>     | J     | = | Cable Connector Large Cable clamp / boot O.D (Male or Female) |
|                        | L     | = | Cable Connector with locking ring (Female)                    |
|                        | LL    | = | Latchless (Chassis Connector)                                 |
|                        | CC    | = | Chassis Connector Circular Metal (Male)                       |
|                        | CE    | = | Rear Mount (Chassis Connector)                                |
|                        | CM    | = | Mid Mount (Chassis Connector)                                 |
|                        | CR    | = | Chassis Connector Rectangular Metal (Female)                  |
|                        | PC    | = | Chassis Connector Plastic (Male)                              |
|                        | Blank | = | Solder Buckets (All styles except PC, CR)                     |
| <b>CONTACT TYPE</b>    | H     | = | Horizontal PCB (Style CC, PC only)                            |
|                        | V     | = | Vertical PCB (Style CR only)                                  |
|                        | Blank | = | Nickel Plated Finish                                          |
| <b>SHELL FINISH</b>    | B     | = | Black Finish                                                  |



## STANDARD DATA G TYPE

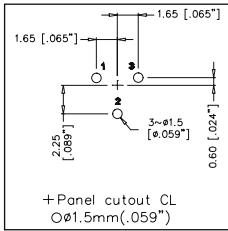
|                                   |                                                         | VALUE                                                        |    |                               |                              |
|-----------------------------------|---------------------------------------------------------|--------------------------------------------------------------|----|-------------------------------|------------------------------|
| <b>GENERAL CHARACTERISTICS</b>    | Number of Contacts                                      | 3                                                            | 4  | 5                             | 6                            |
|                                   | Termination                                             | Printed Circuit Board (PCB) or Solder Bucket                 |    |                               |                              |
|                                   | Max. Wire Gauge - Stranded Wire                         | AWG 24 - 0.5mm <sup>2</sup>                                  |    |                               | AWG 28 - 0.38mm <sup>2</sup> |
|                                   | Flammability                                            | UL94V-0                                                      |    |                               |                              |
|                                   | Environmental                                           | Complies with EU RoHS 2 Directive 2011/65/EU                 |    |                               |                              |
| <b>ELECTRICAL CHARACTERISTICS</b> | Service Voltage RMS                                     | 1000V                                                        |    |                               | 250V                         |
|                                   | Test Voltage AC RMS                                     | 125V AC                                                      |    |                               |                              |
|                                   | Current Carrying Capacity                               | 5A                                                           | 5A | 4A                            | 1.2A                         |
|                                   | Typical Contact Resistance                              | ≤10mΩ                                                        |    |                               |                              |
|                                   | Insulation resistance (initial)<br>After Damp Heat Test | ≥510MΩ<br>≥10MΩ                                              |    |                               |                              |
|                                   | Dielectric Strength                                     | 1500 V dc                                                    |    |                               |                              |
| <b>CLIMATIC CHARACTERISTICS</b>   | Protection Class                                        | IP00                                                         |    |                               |                              |
|                                   | Operating Temperature                                   | -30°C to +80°C (-20F - +176F)                                |    |                               |                              |
| <b>MECHANICAL CHARACTERISTICS</b> | Insertion Spring Separating Force                       | ≥20N                                                         |    |                               |                              |
|                                   | Cable O.D.                                              | 2mm to 3.5mm (0.078" to 0.137")                              |    | 3mm to 5mm (0.118" to 0.196") |                              |
|                                   | Mechanical Operations                                   | 5000 mating cycles                                           |    |                               | 2000 mating cycles           |
|                                   | Weight                                                  | 13.5g (0.029lb)                                              |    |                               |                              |
| <b>MATERIALS</b>                  | Connector Shell                                         | Bronze & Zinc                                                |    |                               |                              |
|                                   | Connector Shell Finish                                  | Nickel Plated                                                |    |                               |                              |
|                                   | Insulators                                              | PPS - Black                                                  |    |                               |                              |
|                                   | Male Contact                                            | Material - Brass C3604<br>Plating - Gold over Silver Plated  |    |                               |                              |
|                                   | Female Contact                                          | Material - Brass C5210P<br>Plating - Gold over Silver Plated |    |                               |                              |
|                                   | Latch Lock and Spring                                   | SUS (AISI - 301) - Nickel Plated                             |    |                               |                              |
|                                   | Adaptor                                                 | PPS - Black                                                  |    |                               |                              |
|                                   | Cable Clamp                                             | Bronze - Nickel Plated                                       |    |                               |                              |
|                                   | Boot/Backshell                                          | ABS - Black                                                  |    |                               |                              |
|                                   | Grommet                                                 | PU - Black                                                   |    |                               |                              |

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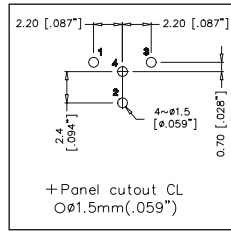
<sup>1)</sup> Approximate weight only, does not include packaging. Please contact us for exact weight for shipping purposes.



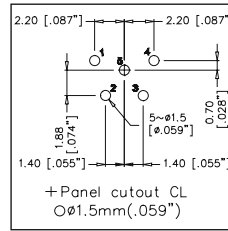
## PANEL CUTOUTS - CONNECTOR SIDE OF PCB



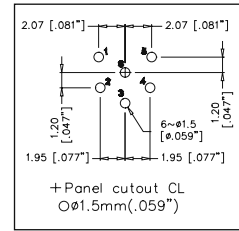
AG3MCC



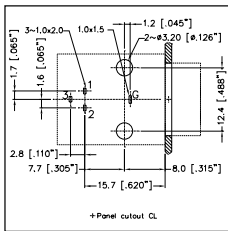
AG4MCC



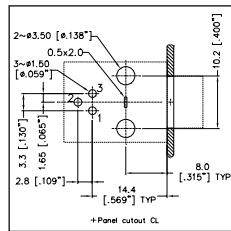
AG5MCC



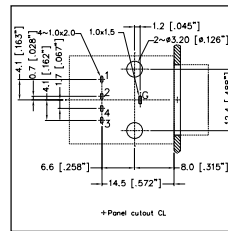
AG6MCC



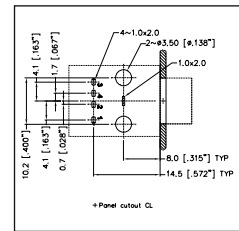
AG3FCCH



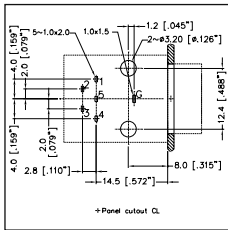
AG3MCCH



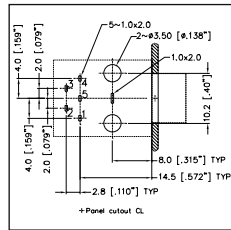
AG4FCCH



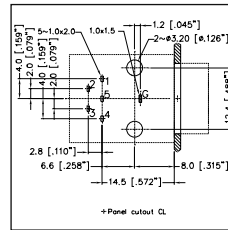
AG4MCCH



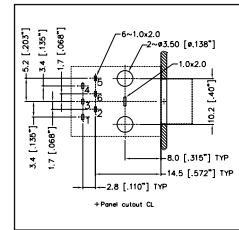
AG5FCCH



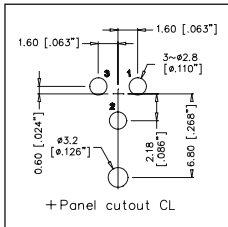
AG5MCCH



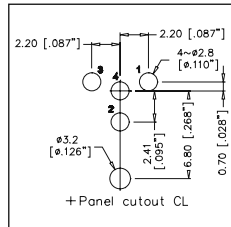
AG6FCCH



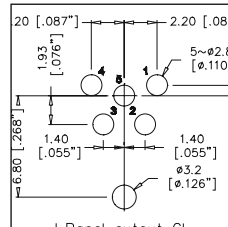
AG6MCCH



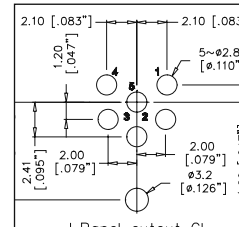
AG3FCRV



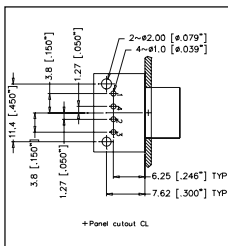
AG4FCRV



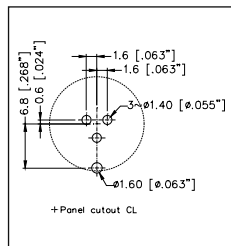
AG5FCRV



AG6FCRV

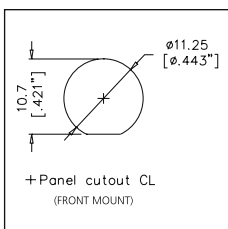


AG4MPCH

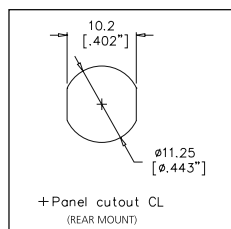


AG3FCE

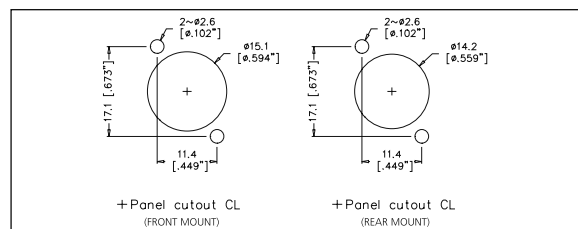
## PANEL CUTOUTS - FRONT VIEW



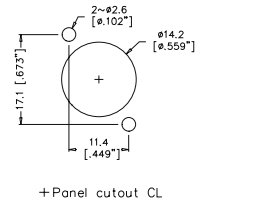
AG3MCC  
AG4MCC  
AG5MCC  
AG6MCC



AG3MCCH  
AG4MCCH  
AG5MCCH  
AG6MCCH  
AG4MPCH



AG3FCRV  
AG4FCRV  
AG5FCRV  
AG6FCRV



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.);

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## 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).



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