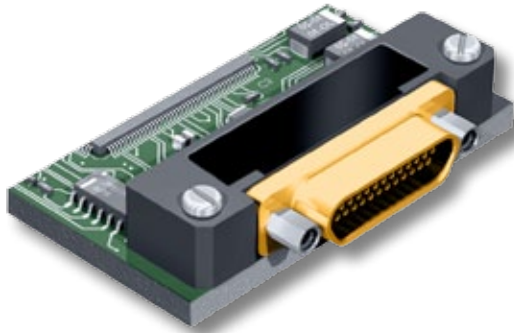




Micro-D Metal Shell Printed Circuit Board Connectors BR Style Right Angle Thru-Hole



High Performance—These connectors feature gold-plated TwistPin contacts for best performance. PC tails are .020 inch diameter. Specify nickel-plated shells or cadmium plated shells for best availability.

Solder-Dipped—Terminals are coated with SN63/Pb37 tin-lead solder for best solderability. Optional gold-plated terminals are available for RoHS compliance.

Front Panel or Rear Mountable—Can be installed through panels up to .125 inch thick. Specify rear panel mount jackposts.

HOW TO ORDER BR STYLE PCB MICRO-D CONNECTORS

| Series | Shell Material and Finish | Insulator Material | Contact Layout | Contact Type | Termination Type | Jackpost Option | Threaded Insert Option | Terminal Length In Inches | Gold-Plated Terminal Mod Code | |
|---------------------------|---------------------------|--|------------------|------------------|-----------------------------|--------------------------------------|------------------------|-------------------------------------|--|------|
| MWDM | Aluminum Shell | L – LCP 30% Glass-Filled Liquid Crystal Polymer | 9 | P Pin | BR Board Right Angle | (Omit for None) | T | .080 | These connectors are solder-dipped in 63/37 tin-lead solder. To delete the solder dip and change to gold-plated terminals, add code 513 | |
| | 1 – Cadmium | | 15 | | | | | P – Jackpost | | .110 |
| | 2 – Nickel | | 21 | S Socket | | Jackposts for Rear Panel Mounting | (Omit for Thru-Hole) | Threaded Insert In Board Mount Hole | | .125 |
| | 4 – Black Anodize | | 25 | | | | | .140 | | |
| | 5 – Gold | | 31 | | | | | .150 | | |
| | 6 – Chem Film | | 37 | | | | | .172 | | |
| | Stainless Steel Shell | 3 – Passivated | 51 | R1 – .032" Panel | .190 | Length in Inches ± .015 (0.38) | | | | |
| | | | 100 | R2 – .047" Panel | .250 | | | | | |
| | | | | R3 – .062" Panel | | | | | | |
| | | | | R4 – .093" Panel | | | | | | |
| | | | R5 – .125" Panel | | | | | | | |
| Sample Part Number | | | | | | | | | | |
| MWDM | 1 | L | - 15 | P | BR | R3 | | - .110 | | |

MICRO-D JACKPOST OPTIONS

| No Designator | P | R1 Thru R5 |
|---|--|--|
| <p>HEX NUT EPOXY FILL</p> | | <p>Panel</p> |
| <p>Thru-Hole For use with Glennair jackposts only. Order hardware separately. Install with threadlocking compound.</p> | <p>Standard Jackpost Factory installed, not intended for removal.</p> | <p>Jackpost for Rear Panel Mounting Shipped loosely installed. Install with permanent threadlocking compound.</p> |

Micro-D Metal Shell Printed Circuit Board Connectors BR Style Right Angle Thru-Hole



Micro-D
PCB

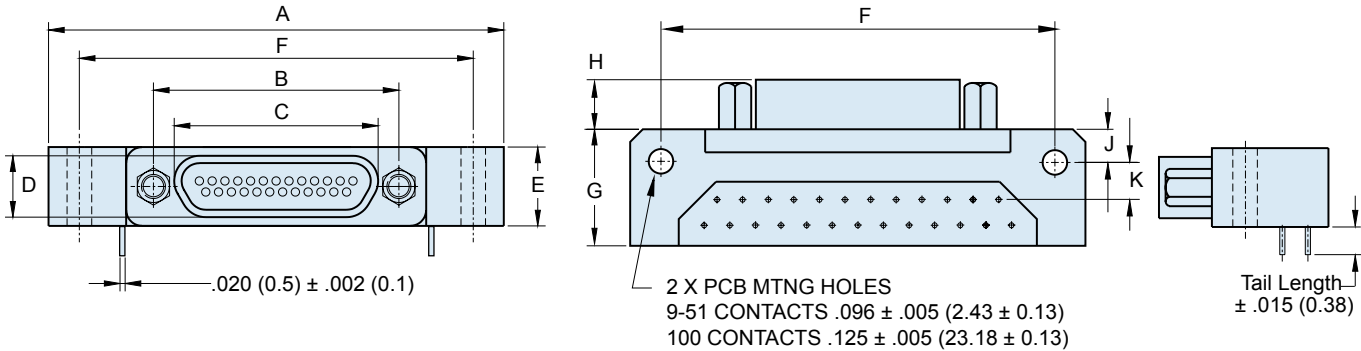
PERFORMANCE SPECIFICATIONS

| | |
|---------------------------|-------------------------------|
| Current Rating | 3 AMP |
| DWV | 600 VAC Sea level |
| Insulation Resistance | 5000 Megohms Minimum |
| Contact Resistance | 8 Milliohms Maximum |
| Low Level Contact Resist. | 32 Milliohms Maximum |
| Magnetic Permeability | 2 μ Maximum |
| Operating Temperature | -55° C. to +150° C. |
| Shock, Vibration | 50 g., 20g. |
| Mating Force | (10 Ounces) X (# of Contacts) |

MATERIALS AND FINISHES

| | |
|------------------|---|
| Connector Shell | Aluminum Alloy 6061 or Stainless Steel, 300 Series, passivated. See Ordering Info for Plating Options |
| Insulator, Tray | Liquid Crystal Polymer (LCP) |
| Interfacial Seal | Fluorosilicone Rubber, Blue |
| Pin Contact | Copper Alloy, Gold over Nickel Plating |
| Socket Contact | Copper Alloy, Gold Over Nickel Plating |
| PCB Terminals | Gold Plated Copper Alloy, Solder Dipped |
| Hardware | 300 Series Stainless Steel |
| Encapsulant | Epoxy Resin Hysol EE4215 |

C

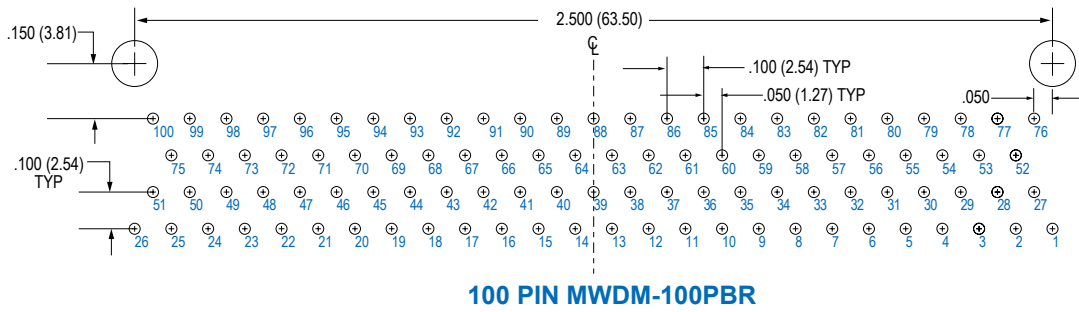
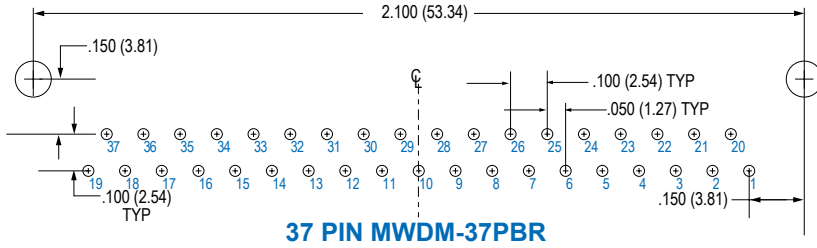
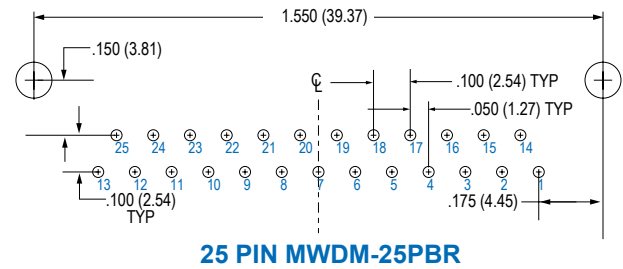
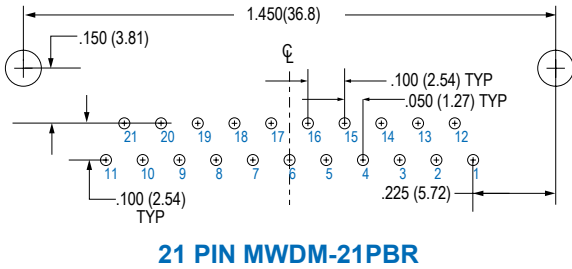
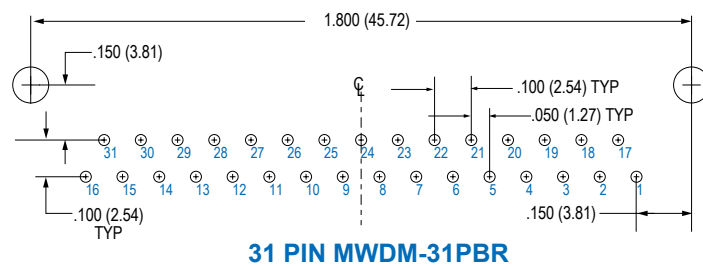
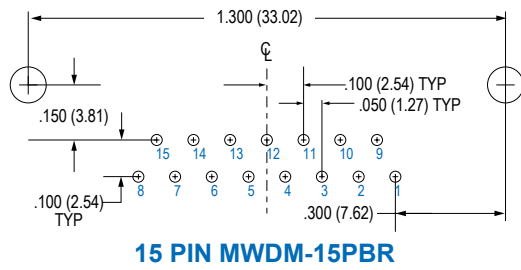
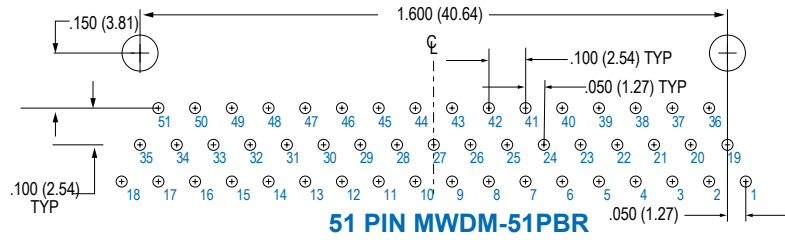
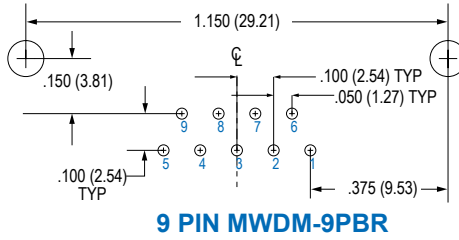


BR STYLE MICRO-D PCB CONNECTORS

| Layout | A Max. | | B | | C Max. | | D Max. | | E Max. | | F | | G Max. | | H | | J | | K | |
|--------|--------|-------|-------|-------|--------|-------|--------|------|--------|-------|-------|-------|--------|-------|------|------|------|------|------|------|
| | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. |
| 9P | 1.390 | 35.31 | .565 | 14.35 | .333 | 8.46 | .184 | 4.67 | .310 | 7.87 | 1.150 | 29.21 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 9S | 1.390 | 35.31 | .565 | 14.35 | .400 | 10.16 | .250 | 6.35 | .310 | 7.87 | 1.150 | 29.21 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 15P | 1.540 | 39.12 | .715 | 18.16 | .483 | 12.27 | .184 | 4.67 | .310 | 7.87 | 1.300 | 33.02 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 15S | 1.540 | 39.12 | .715 | 18.16 | .551 | 14.00 | .250 | 6.35 | .310 | 7.87 | 1.300 | 33.02 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 21P | 1.690 | 42.93 | .865 | 21.97 | .633 | 16.08 | .184 | 4.67 | .310 | 7.87 | 1.450 | 36.83 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 21S | 1.690 | 42.93 | .865 | 21.97 | .701 | 17.81 | .250 | 6.35 | .310 | 7.87 | 1.450 | 36.83 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 25P | 1.790 | 45.47 | .965 | 24.51 | .733 | 18.62 | .184 | 4.67 | .310 | 7.87 | 1.550 | 39.37 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 25S | 1.790 | 45.47 | .965 | 24.51 | .801 | 20.35 | .250 | 6.35 | .310 | 7.87 | 1.550 | 39.37 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 31P | 2.040 | 51.82 | 1.115 | 28.32 | .883 | 22.43 | .184 | 4.67 | .310 | 7.87 | 1.800 | 45.72 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 31S | 2.040 | 51.82 | 1.115 | 28.32 | .951 | 24.16 | .250 | 6.35 | .310 | 7.87 | 1.800 | 45.72 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 37P | 2.340 | 59.44 | 1.265 | 32.13 | 1.033 | 26.24 | .184 | 4.67 | .310 | 7.87 | 2.100 | 53.34 | .465 | 11.81 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 37S | 2.340 | 59.44 | 1.265 | 32.13 | 1.101 | 27.96 | .250 | 6.35 | .310 | 7.87 | 2.100 | 53.34 | .465 | 11.81 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 51P | 1.875 | 47.63 | 1.215 | 30.86 | .983 | 24.97 | .228 | 5.79 | .351 | 8.92 | 1.600 | 40.64 | .565 | 14.35 | .183 | 4.65 | .125 | 3.18 | .150 | 3.81 |
| 51S | 1.875 | 47.63 | 1.215 | 30.86 | 1.051 | 26.70 | .296 | 7.52 | .351 | 8.92 | 1.600 | 40.64 | .565 | 14.35 | .195 | 4.95 | .125 | 3.18 | .150 | 3.81 |
| 100P | 2.780 | 70.60 | 1.800 | 45.72 | 1.383 | 35.13 | .270 | 6.86 | .394 | 10.01 | 2.500 | 63.50 | .765 | 19.43 | .183 | 4.65 | .225 | 5.72 | .150 | 3.81 |
| 100S | 2.780 | 70.60 | 1.800 | 45.72 | 1.451 | 36.86 | .333 | 8.46 | .394 | 10.01 | 2.500 | 63.50 | .765 | 19.43 | .195 | 4.95 | .225 | 5.72 | .150 | 3.81 |

MICRO-D BR BOARD MOUNT CONNECTOR PCB LAYOUTS – PIN CONNECTORS

Patterns shown are for connector mounting side of PC board. 9 Thru 51 Contacts .096 (2.44) Diameter Mounting Holes, 100 Pin .125 (3.18) Diameter

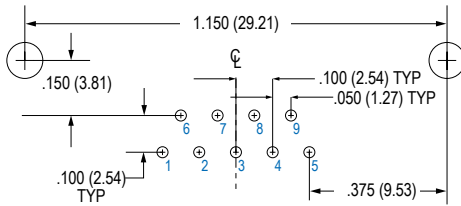


Micro-D Metal Shell Printed Circuit Board Connectors BR Style Right Angle Thru-Hole

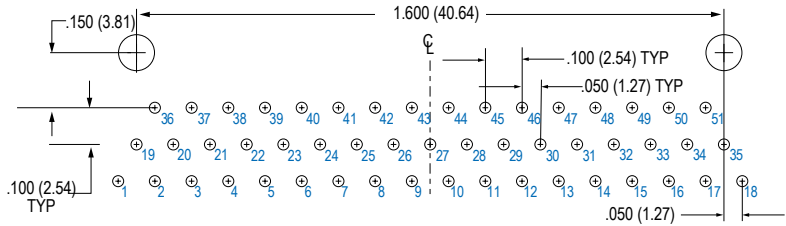


MICRO-D BR BOARD MOUNT CONNECTOR PCB LAYOUTS – SOCKET CONNECTORS

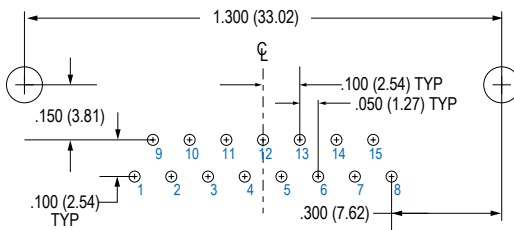
Patterns shown are for connector mounting side of PC board. 9 Thru 51 Contacts .096 (2.44) Diameter Mounting Holes, 100 Pin .125 (3.18) Diameter



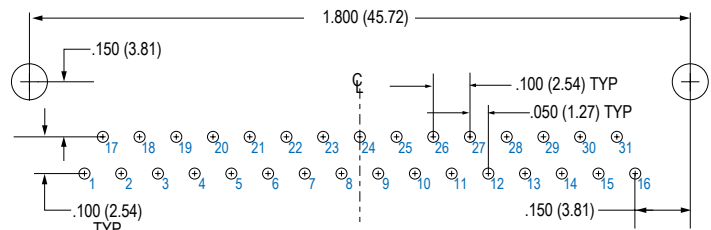
9 SOCKET MWDM-9SBR



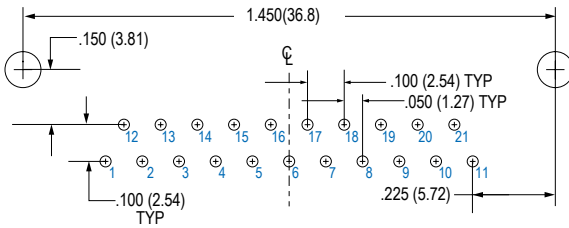
51 SOCKET MWDM-51SBR



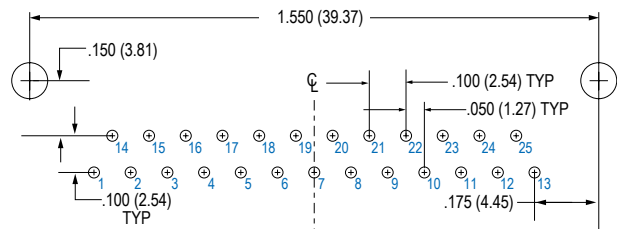
15 SOCKET MWDM-15SBR



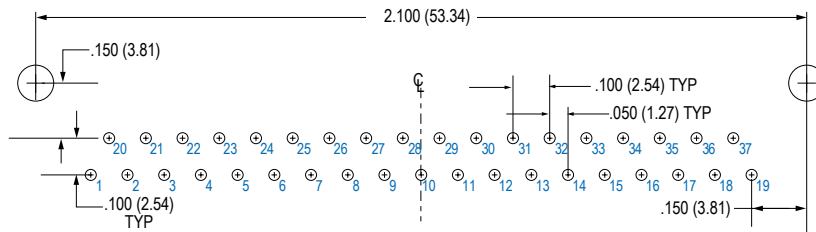
31 SOCKET MWDM-31SBR



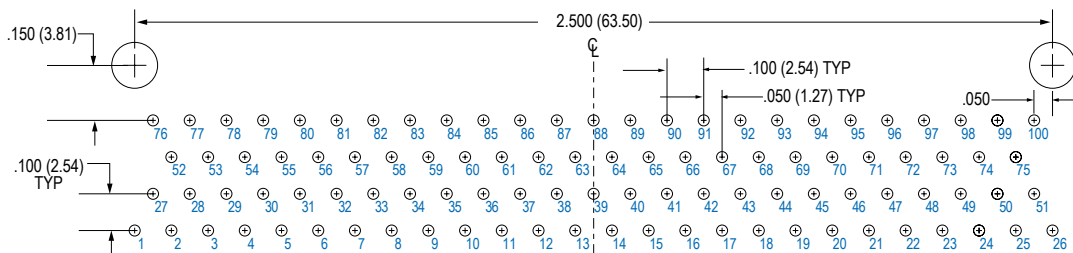
21 SOCKET MWDM-21SBR



25 SOCKET MWDM-25SBR



37 SOCKET MWDM-37SBR



100 SOCKET MWDM-100SBR

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».



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).



Телефон: 8 (812) 309-75-97 (многоканальный)

Факс: 8 (812) 320-03-32

Электронная почта: ocean@oceanchips.ru

Web: <http://oceanchips.ru/>

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, д. 2, корп. 4, лит. А