



ORDERING INFORMATION - CODE NUMBERING SYSTEM

Specify Complete Connector By Selecting An Option From Step 1 Through 8

**FOR CONNECTORS
NOT INCLUDING SIZE 8 CONTACTS**

STEP	1	2	3	4	5	6	7	8	9	10
EXAMPLE	CBDD	8W2	M	93	S	0	0	0	/AA	-14

STEP 1 - BASIC SERIES

CBDD Series -
CBHD Series - High Conductivity
Power Contacts

STEP 2 - CONNECTOR VARIANTS

Shell Size 1 - 8W2

See next page for ordering information for other shell size options.

STEP 3 - CONNECTOR GENDER

*1 F - Female - Professional Level -
Open Entry Signal Contacts

M - Male

*1 S - Female - Industrial / Military Level -
PosiBand Closed Entry Signal Contacts

STEP 4 - CONTACT TERMINATION TYPE

- 21 - Fixed Solder Cup, 22 AWG-30 AWG [0.3mm2-0.05mm2].
- 3 - Solder, Straight Printed Board Mount, 0.170 [4.32] Tail length.
- 4 - Solder, Right Angle (90°) Printed Board Mount, 0.314 [7.98] Signal Contact Extension.
- 93 - Signal Omega type compliant and Power Bi-Spring type compliant, termination length 0.225 [5.72].

***2 STEP 5 - MOUNTING STYLE**

- 0 - Mounting Hole, 0.120 [3.05] Ø
- 02 - Mounting Hole, 0.154 [3.91] Ø
- B3 - Bracket, Mounting, Right Angle (90°) Metal with Cross Bar
- B8 - Bracket, Mounting, Right Angle (90°) Plastic with Cross Bar
- F - Float Mounts, Universal
- P - Threaded Post, Brass, 0.250 [6.35] Length
- P2 - Threaded Post, Nylon, 0.250 [6.35] Length
- R2 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Thread Fixed Female Jackscrews with Cross Bar
- R6 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 0.120 [3.05] Ø Mounting Hole with Cross Bar
- R7 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Threads with Cross Bar
- R8 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Locknut with Cross Bar
- S - Swaged Spacer, 4-40 Threads, 0.250 [6.35] Length, Spacer length changes to 0.265 [6.73] when used in conjunction with Code 93 contacts
- S2 - Swaged Spacer, 4-40 Threads, 0.125 [3.18] Length
- S5 - Swaged Locknut, 4-40 Threads
- S6 - Swaged Spacer with Push-on Fastener, 4-40 Threads, 0.250 [6.35] Length

***2 STEP 10 - SPECIAL OPTIONS**

FOR SPECIAL OPTIONS, SEE
SPECIAL OPTIONS APPENDIX
ON PAGE 89.

CONTACT TECHNICAL SALES
FOR ORDERING DETAILS OF
THE FOLLOWING:

Other Special Requirements.
Straight and Right Angle Thermocouple
PCB mount contacts



STEP 9 - ENVIRONMENTAL COMPLIANCE OPTIONS

/AA - Compliant per EU Directive
2002/95/EC (RoHS)

NOTE: If compliance to environmental
legislation is not required, this step will not
be used. Example: CBDD8W2M93S00

STEP 8 - SHELL OPTIONS

- 0 - Zinc Plated, with Chromate Seal.
- *4 S - Stainless Steel, passivated.
- X - Tin Plated.
- Z - Tin Plated and Dimpled (male connectors only).

***2 STEP 7 - LOCKING AND POLARIZING SYSTEMS**

- 0 - None.
- V3 - Lock Tab, connector front panel mounted.
- V5 - Lock Tab, connector rear panel mounted.
- VL - Lock Lever, used with Hoods only.
- T - Fixed Female Jackscrews.
- T2 - Fixed Female Jackscrews.
- T6 - Fixed Male and Female Polarized Jackscrews.
- E - Rotating Male Jackscrews.
- E2 - Rotating Male Screw Locks.
- E3 - Rotating Male with Internal Hex for 3/32 Hex Drives
- E6 - Rotating Male and Female Polarized Jackscrews.

***2 STEP 6 - HOODS AND PUSH-ON FASTENERS**

- 0 - None
- AN - Lightweight Aluminum Hood, nickel finish
- AC - Lightweight Aluminum Hood, no finish
- H - Hood, Top Opening, Metal
- *3 G - Hood, EMI/RFI, Metal
- N - Push-on Fastener, for Right Angle (90°) Mounting Brackets
- Z - Hood, Top or Side Opening, robust extended height, plastic and composite, with rotating male jackscrews

NOTES

- *1 Power contacts are always supplied with "Closed Entry" female contacts.
- *2 For additional information on accessories listed in steps 5, 6, 7 and 10, see Accessory Catalog.
- *3 When using G hood with CBDD variants, use the extended height hood. See Accessories Catalog for extended G hood options.
- *4 For stainless steel dimpled male versions, contact Technical Sales.



ORDERING INFORMATION - CODE NUMBERING SYSTEM

Specify Complete Connector By Selecting An Option From Step 1 Through 8

FOR CONNECTORS INCLUDING SIZE 8 CONTACTS

STEP	1	2	3	4	5	6	7	8	9	10
EXAMPLE	CBDD	19W1	M	93	S	0	0	0	/AA	-14
STEP 1 - BASIC SERIES CBDD Series - CBHD Series - High Conductivity Power Contacts										
STEP 2 - CONNECTOR VARIANTS Shell Size 2 - 19W1 *6 Shell Size 3 - 15W4 *1 Shell Size 4 - 45W2										
STEP 3 - CONNECTOR GENDER *2 F - Female - Professional Level - Open Entry Signal Contacts M - Male *2 S - Female - Industrial / Military Level - PosiBand Closed Entry Signal Contacts										
STEP 4 - CONTACT TERMINATION TYPE 21 - Fixed Solder Cup, 22 AWG-30 AWG [0.3mm2-0.05mm2]. 3 - Solder, Straight Printed Board Mount with Signal Contacts 0.170 [4.32] Tail Length. 35 - Solder, Straight Printed Board Mount with Signal and 0.078 [1.98] Ø Power Contacts, 0.170 [4.32] Tail Length. 36 - Solder, Straight Printed Board Mount with Signal and 0.094 [2.39] Ø Power Contacts, 0.170 [4.32] Tail Length. 37 - Solder, Straight Printed Board Mount with Signal and 0.125 [3.18] Ø Power Contacts, 0.170 [4.32] Tail Length. 4 - Solder, Right Angle (90°) Printed Board Mount with Signal Contacts, 0.314 [7.98] Signal Contact Extension. 45 - Solder, Right Angle (90°) Printed Board Mount with Signal and 0.078 [1.98] Ø Power Contacts, 0.314 [7.98] Signal Contact Extension. 47 - Solder, Right Angle (90°) Printed Board Mount with Signal and 0.125 [3.18] Ø Power Contacts, 0.314 [7.98] Signal Contact Extension. 65 - Solder, Straight Printed Board Mount with Signal and Shielded Contacts MDS4201D footprint, 0.170 [4.32] Signal Contact Tail Length. 84 - Solder, Right Angle (90°) Printed Board Mount with Signal and Shielded Contacts MRT4201D footprint, 0.314 [7.98] Signal Contact Extension. 93 - Signal Omega type compliant and Power Bi-Spring type compliant, termination length 0.225 [5.72].										
*3. STEP 5 - MOUNTING STYLE 0 - Mounting Hole, 0.120 [3.05] Ø 02 - Mounting Hole, 0.154 [3.91] Ø B3 - Bracket, Mounting, Right Angle (90°) Metal with Cross Bar B8 - Bracket, Mounting, Right Angle (90°) Plastic with Cross Bar F - Float Mounts, Universal P - Threaded Post, Brass, 0.250 [6.35] Length P2 - Threaded Post, Nylon, 0.250 [6.35] Length R2 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Thread Fixed Female Jackscrews with Cross Bar R6 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 0.120 [3.05] Ø Mounting Hole with Cross Bar R7 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Threads with Cross Bar R8 - Bracket, Mounting, Right Angle (90°) Metal, Swaged to Connector with 4-40 Locknut with Cross Bar S - Swaged Spacer, 4-40 Threads, 0.250 [6.35] Length, Spacer length changes to 0.265 [6.73] when used in conjunction with Code 93 contacts S2 - Swaged Spacer, 4-40 Threads, 0.125 [3.18] Length S5 - Swaged Locknut, 4-40 Threads S6 - Swaged Spacer with Push-on Fastener, 4-40 Threads, 0.250 [6.35] Length										
*3. STEP 7 - LOCKING AND POLARIZING SYSTEMS 0 - None. V3 - Lock Tab, connector front panel mounted. V5 - Lock Tab, connector rear panel mounted. VL - Lock Lever, used with Hoods only. T - Fixed Female Jackscrews. T2 - Fixed Female Jackscrews. T6 - Fixed Male and Female Polarized Jackscrews. E - Rotating Male Jackscrews. E2 - Rotating Male Screw Locks. E3 - Rotating Male with Internal Hex for 3/32 Hex Drives E6 - Rotating Male and Female Polarized Jackscrews.										
*3. STEP 6 - HOODS AND PUSH-ON FASTENERS 0 - None AN - Lightweight Aluminum Hood, nickel finish AC - Lightweight Aluminum Hood, no finish H - Hood, Top Opening, Metal *4 G - Hood, EMI/RFI, Metal N - Push-on Fastener, for Right Angle (90°) Mounting Brackets Z - Hood, Top or Side Opening, robust extended height, plastic and composite, with rotating male jackscrews										
STEP 8 - SHELL OPTIONS 0 - Zinc Plated, with Chromate Seal. *5 S - Stainless Steel, passivated. X - Tin Plated. Z - Tin Plated and Dimpled (male connectors only).										
*3. STEP 10 - SPECIAL OPTIONS FOR SPECIAL OPTIONS, SEE SPECIAL OPTIONS APPENDIX ON PAGE 89. CONTACT TECHNICAL SALES FOR ORDERING DETAILS OF THE FOLLOWING: Other Special Requirements. Straight and Right Angle Thermocouple PCB mount contacts										
STEP 9 - ENVIRONMENTAL COMPLIANCE OPTIONS /AA - Compliant per EU Directive 2002/95/EC (RoHS) NOTE: If compliance to environmental legislation is not required, this step will not be used. Example: CBDD8W2M93S000										
NOTES *1 45W2 variant currently available in male only. *2 Power contacts are always supplied with "Closed Entry" female contacts. *3 For additional information on accessories listed in steps 5, 6, 7 and 10, see Accessory Catalog. *4 When using G hood with CBDD variants, use the extended height hood. See Accessories Catalog for extended G hood options. *5 For stainless steel dimpled male versions, contact Technical Sales. *6 See page 29 for more information on CBDD15W4 variants										



CBDD/CBHD SERIES

POSITRONIC INDUSTRIES

Connector Excellence[®]

Connector Families

Power

D-SUBMINIATURE

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Reliable Service