

Designed for performance critical applications where operation and safety are paramount, BS Datamate delivers the highest level of quality.

All BS Datamate parts are subject to in-process testing and individual inspection by qualified personnel. In addition, independent third-party test programmes are completed annually and all processes are audited by the British Standard Institute.

BS Datamate assures total security in the knowledge that the product is of the highest calibre.

## PART NUMBERING SYSTEM

**B5XXX - X XX - X - X - X**

| STYLE NUMBER |  |
|--------------|--|
| <b>B5740</b> | Female Connector Types C and D (crimp)   |
| <b>B5741</b> | Female Connector Types N and T (PC Tail) |
| <b>B5743</b> | Male Connector Types L and T (PC Tail)   |

| NUMBER OF ROWS |            |
|----------------|------------|
| <b>1</b>       | Single Row |
| <b>2</b>       | Double Row |

| TOTAL NUMBER OF CONTACTS                          |            |
|---|------------|
| <b>02 to 07, 17</b>                               | Single Row |
| <b>04, 06, 08, 10, 12, 14, 16, 18, 20, 26, 34</b> | Double Row |

| GENDER   |                 |
|----------|-----------------|
| <b>F</b> | Female (Socket) |
| <b>M</b> | Male (Plug)     |

| VARIANT  |   |
|----------|---|
| <b>0</b> | Unlatched connector, tin finish PC Tail (Male) or outer shell (Female)  |
| <b>1</b> | Latched connector, tin finish PC Tail - Male only                       |
| <b>2</b> | Unlatched connector, gold finish PC Tail (Male) or outer shell (Female) |
| <b>3</b> | Latched connector, gold finish PC Tail - Male only                      |
| <b>x</b> | Variant   |






Note: all connectors are gold finish on the contact area.

| TERMINATION STYLE |   |
|-------------------|---|
| <b>C</b>          | Crimp 24-28 AWG (Small Bore) - Female only                          |
| <b>D</b>          | Crimp 22 AWG (Large Bore) - Female only                             |
| <b>L</b>          | Throughboard Solder 90° (PC Tail Horizontal) - Male only            |
| <b>N</b>          | Throughboard Solder Straight Short (PC Tail Vertical) - Female only |
| <b>T</b>          | Throughboard Solder Straight (PC Tail Vertical)                     |

EXAMPLE REFERENCE NO: **B5740-216-F-C-2**

[www.harwin.com](http://www.harwin.com)



| <u>Datamate BS</u><br> | <u>Datamate BS</u><br>CONTAINS<br> | <u>Datamate -Plus</u><br> | <u>Datamate</u><br> | <u>Datamate</u><br>CONTAINS<br> |
|---|---|--|--|--|
| B5740-1XX-F-C-0   | n/a   | n/a  | M80-898XX01  | n/a  |
| B5740-1XX-F-C-2   | n/a   | n/a  | M80-898XX05  | n/a  |
| B5740-1XX-F-D-0   | n/a   | n/a  | M80-899XX01  | n/a  |
| B5740-1XX-F-D-2   | n/a   | n/a  | M80-899XX05  | n/a  |
| B5740-2XX-F-C-0   | n/a   | n/a  | M80-888XX01  | n/a  |
| B5740-2XX-F-C-2   | n/a   | n/a  | M80-888XX05  | n/a  |
| B5740-2XX-F-D-0   | n/a   | n/a  | M80-889XX01  | n/a  |
| B5740-2XX-F-D-2   | n/a   | n/a  | M80-889XX05  | n/a  |
| n/a   | B5741-1XX-F-N-0   | B5741-614XX42  | M80-614XX42  | M80-894XX01  |
| n/a   | B5741-1XX-F-N-2   | B5741-614XX45  | M80-614XX45  | M80-894XX05  |
| n/a   | B5741-1XX-F-T-0   | B5741-840XX42  | M80-840XX42  | M80-897XX01  |
| n/a   | B5741-1XX-F-T-2   | B5741-840XX45  | M80-840XX45  | M80-897XX05  |
| n/a   | B5741-2XX-F-N-0   | B5741-615XX42  | M80-615XX42  | M80-891XX01  |
| n/a   | B5741-2XX-F-N-2   | B5741-615XX45  | M80-615XX45  | M80-891XX05  |
| n/a   | B5741-2XX-F-T-0   | B5741-850XX42  | M80-850XX42  | M80-887XX01  |
| n/a   | B5741-2XX-F-T-2   | B5741-850XX45  | M80-850XX45  | M80-887XX05  |
| n/a   | B5743-1XX-M-L-0   | B5743-843XX42  | M80-843XX42  | M80-878XX22  |
| n/a   | B5743-1XX-M-L-1   | B5743-842XX42  | M80-842XX42  | M80-876XX22  |
| n/a   | B5743-1XX-M-L-2   | B5743-843XX45  | M80-843XX45  | M80-878XX05  |
| n/a   | B5743-1XX-M-L-3   | B5743-842XX45  | M80-842XX45  | M80-876XX05  |
| n/a   | B5743-1XX-M-T-0   | B5743-852XX42  | M80-852XX42  | M80-879XX22  |
| n/a   | B5743-1XX-M-T-1   | B5743-882XX42  | M80-882XX42  | M80-877XX22  |
| n/a   | B5743-1XX-M-T-2   | B5743-852XX45  | M80-852XX45  | M80-879XX05  |
| n/a   | B5743-1XX-M-T-3   | B5743-882XX45  | M80-882XX45  | M80-877XX05  |
| n/a   | B5743-2XX-M-L-0   | B5743-841XX42  | M80-841XX42  | M80-868XX22  |
| n/a   | B5743-2XX-M-L-1   | B5743-851XX42  | M80-851XX42  | M80-866XX22  |
| n/a   | B5743-2XX-M-L-2   | B5743-841XX45  | M80-841XX45  | M80-868XX05  |
| n/a   | B5743-2XX-M-L-3   | B5743-851XX45  | M80-851XX45  | M80-866XX05  |
| n/a   | B5743-2XX-M-T-0   | B5743-854XX42  | M80-854XX42  | M80-869XX22  |
| n/a   | B5743-2XX-M-T-1   | B5743-853XX42  | M80-853XX42  | M80-867XX22  |
| n/a   | B5743-2XX-M-T-2   | B5743-854XX45  | M80-854XX45  | M80-869XX05  |
| n/a   | B5743-2XX-M-T-3   | B5743-853XX45  | M80-853XX45  | M80-867XX05  |

