



# MIL-DTL-38999 Series I, II, III, and IV Hermetic Class Connectors Layouts and Pin Counts

B

| Shell Size and Insert Arrangements |              |                   | Number of Pins |    |    |    |
|------------------------------------|--------------|-------------------|----------------|----|----|----|
| MS Series I                        | MS Series II | D38999 Series III | 22D            | 20 | 16 | 12 |
| 9-35                               | 8-35         | A35               | 6              |    |    |    |
| 9-98                               | 8-98         | A98               |                | 3  |    |    |
| 11-2                               | 10-2         | B2                |                |    | 2  |    |
| 11-4                               | 10-4         | B4                |                | 4  |    |    |
| 11-5                               | 10-5         | B5                |                | 5  |    |    |
| 11-35                              | 10-35        | B35               | 13             |    |    |    |
| 11-98                              | 10-98        | B98               |                | 6  |    |    |
| 11-99                              | 10-99        | B99               |                | 7  |    |    |
| 13-4                               | 12-4         | C4                |                |    | 4  |    |
| 13-8                               | 12-8         | C8                |                | 8  |    |    |
| 13-35                              | 12-35        | C35               | 22             |    |    |    |
| 13-98                              | 12-98        | C98               |                | 10 |    |    |
| 15-5                               | 14-5         | D5                |                |    | 5  |    |
| 15-15                              | 14-15        | D15               |                | 14 | 1  |    |
| 15-18                              | 14-18        | D18               |                | 18 |    |    |
| 15-19                              | 14-19        | D19               |                | 19 |    |    |
| 15-35                              | 14-35        | D35               | 37             |    |    |    |
| 15-97                              | 14-97        | D97               |                | 8  | 4  |    |
| 17-6                               | 16-6         | E6                |                |    |    | 6  |
| 17-8                               | 16-8         | E8                |                |    | 8  |    |
| 17-26                              | 16-26        | E26               |                | 26 |    |    |
| 17-35                              | 16-35        | E35               | 55             |    |    |    |
| 17-99                              | 16-99        | E99               |                | 21 | 2  |    |
| 19-11                              | 18-11        | F11               |                |    | 11 |    |
| 19-28                              | 18-28        | F28               |                | 26 | 2  |    |
| 19-30                              | 18-30        | F30               |                | 29 | 1  |    |
| 19-32                              | 18-32        | F32               |                | 32 |    |    |
| 19-35                              | 18-35        | F35               | 66             |    |    |    |
| 19-45                              | 18-45        | F45               | 67             |    |    |    |
| 21-11                              | 20-11        | G11               |                |    |    | 11 |
| 21-16                              | 20-16        | G16               |                |    | 16 |    |
| 21-24                              | 20-24        | G24               |                | 24 |    |    |
| 21-25                              | 20-25        | G25               |                | 25 |    |    |
| 21-27                              | 20-27        | G27               |                | 27 |    |    |
| 21-35                              | 20-35        | G35               | 79             |    |    |    |
| 21-39                              | 20-39        | G39               |                | 37 | 2  |    |
| 21-41                              | 20-41        | G41               |                | 41 |    |    |
| 23-21                              | 22-21        | H21               |                |    | 21 |    |
| 23-32                              | 22-32        | H32               |                | 32 |    |    |
| 23-34                              | 22-34        | H34               |                | 34 |    |    |
| 23-35                              | 22-35        | H35               | 100            |    |    |    |
| 23-36                              | 22-36        | H36               |                | 36 |    |    |
| 23-53                              | 22-53        | H53               |                | 53 |    |    |
| 23-55                              | 22-55        | H55               |                | 55 |    |    |
| 23-97                              | 22-97        | H97               |                |    | 16 |    |
| 23-99                              | 22-99        | H99               |                |    | 11 |    |
| 25-4                               | 24-4         | J4                |                | 48 | 8  |    |
| 25-19                              | 24-19        | J19               |                |    |    | 19 |
| 25-24                              | 24-24        | J24               |                |    | 12 | 12 |
| 25-29                              | 24-29        | J29               |                |    | 29 |    |
| 25-35                              | 24-35        | J35               | 128            |    |    |    |
| 25-37                              | N/A          | J37               | 37             |    | 37 | 16 |
| 25-43                              | 24-43        | J43               |                | 23 | 20 |    |
| 25-61                              | 24-61        | J61               |                | 61 |    |    |

| Shell Size / Insert Arrangements | Number of Pins |    |    |    |    |
|----------------------------------|----------------|----|----|----|----|
| D38999 Series IV                 | 22D            | 20 | 16 | 12 | 10 |
| B5                               |                | 5  |    |    |    |
| B35                              | 13             |    |    |    |    |
| B98                              |                | 6  |    |    |    |
| B99                              |                | 7  |    |    |    |
| C4                               |                |    | 4  |    |    |
| C35                              | 22             |    |    |    |    |
| C98                              |                | 10 |    |    |    |
| D5                               |                |    | 5  |    |    |
| D18                              |                | 18 |    |    |    |
| D19                              | 37             | 19 |    |    |    |
| D35                              |                |    |    |    |    |
| D97                              |                | 8  | 4  |    |    |
| E6                               |                |    |    | 6  |    |
| E8                               |                |    | 8  |    |    |
| E26                              |                | 26 |    |    |    |
| E35                              | 55             |    |    |    |    |
| F11                              |                |    | 11 |    |    |
| F32                              |                | 32 |    |    |    |
| F35                              | 66             |    |    |    |    |
| G11                              |                |    |    | 11 |    |
| G16                              |                |    | 16 |    |    |
| G35                              | 79             |    |    |    |    |
| G41                              |                | 41 |    |    |    |
| H21                              |                |    | 21 |    |    |
| H35                              | 100            |    |    |    |    |
| H55                              |                | 55 |    |    |    |
| J4                               |                | 48 | 8  |    |    |
| J11                              |                | 2  |    |    | 9  |
| J19                              |                |    |    | 19 |    |
| J24                              |                |    | 12 | 12 |    |
| J29                              |                |    | 29 |    |    |
| J35                              | 128            |    |    |    |    |
| J43                              |                | 23 | 20 |    |    |
| J61                              |                | 61 |    |    |    |
| J37                              |                |    | 37 |    |    |