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#### REQUIREMENTS

##### Technical characteristics:

Shell: steel tin/Zinc Cr3 plated  
Insulators: self-extinguishing thermoplastic, UL class 94V0  
Contacts: phosphor bronze, gold (for thickness see table)  
over 2 µ mini nickel on active area and flash to 1.5 µ maxi SnPb  
over 1 µ mini nickel on termination.

Cycles: 200 min for plating 4.  
Cycles: 500 min for plating 5.

Nuts: brass, tin/Zinc Cr3 plated

##### Electrical characteristics:

max. current rating: 5A  
Test voltage: 1000V  
Rated voltage: 300V  
Contact resistance: ≤15mΩ  
Shell resistance: ≤5mΩ  
Insulation resistance: ≥5000MΩ

##### Climatic characteristics:

Operating temperature range: -55°C +125°C

##### Dimensions:

in accordance with MIL-C-24308

| SHELL | A±0.38 | B±0.12 | C±0.10 | D±0.25 | E±0.07 | PART NUMBER    | PART NUMBER    |
|-------|--------|--------|--------|--------|--------|----------------|----------------|
| 09    | 30.81  | 24.99  | 16.96  | 16.21  | 10.96  | D09S33E4PV00** | D09S33E6PV00** |
| 15    | 39.14  | 33.32  | 25.18  | 24.54  | 19.18  | D15S33E4PV00** | D15S33E6PV00** |
| 25    | 53.03  | 47.04  | 39.12  | 38.25  | 33.12  | D25S33E4PV00** | D25S33E6PV00** |
| 37    | 69.32  | 63.50  | 55.68  | 54.71  | 49.68  | D37S33E4PV00** | D37S33E6PV00** |
|       |        |        |        |        |        | Gold flash     | 0,76 µ gold    |

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| rev | ecn no   | dr | date       |
|-----|----------|----|------------|
| B   | 105-0124 | JS | 2005/07/27 |
| C   | 106-0074 | SK | 2006/06/08 |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |
| -   | -        | -  | -          |

FOR ROHS DETAILS REFER DWG.NO: C01-8646-0000

|                    |             |            |                                                                           |                                   |                  |                         |              |
|--------------------|-------------|------------|---------------------------------------------------------------------------|-----------------------------------|------------------|-------------------------|--------------|
| www.fciconnect.com |             |            | surface<br>ISO 1302                                                       | tolerance std<br>ISO 406 ISO 1101 | projection<br>mm | European Views          |              |
|                    |             |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                     |                                   |                  |                         |              |
| Dr                 | JOHN SLEEBA | 1997/09/08 | ANGULAR<br>LINEAR                                                         | 0.X                               | ±0.1             | size<br>A3              | Scale<br>1:1 |
| Eng                | GEORGE VJ   | 1997/09/08 |                                                                           | 0.XX                              | ±0.1             |                         |              |
| Chr                | GEORGE VJ   | 2005/07/27 |                                                                           | 0.XXX                             | ±0.1             |                         |              |
| Appr               | KVSD        | 2005/07/27 | Product family                                                            |                                   | D-SUB            | Spec ref                | -            |
| FCI                |             |            | title<br>SOCKET CONNECT.DELTA D RIGHT ANGLE<br>WITH FEMELLE SREW UNC 4-40 |                                   |                  | dwg no<br>C01-8646-0556 | Rev.<br>C    |
|                    |             |            | catalog no<br>DELTA-D                                                     |                                   |                  | CUSTOMER                | sheet 1 of 1 |

REV F - 2006-04-17

PDM: Rev:C

STATUS: Released

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