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#### REQUIREMENTS

##### Technical characteristics:

Shell: steel tin/Zinc Cr3 plated

Insulators: self-extinguishing black polyster, UL class 94V0

Contacts size 20: brass, gold on mating end, bright tin on termination end over nickel on entire contact

Cycles :500 for protection 6

:200 for protection 4

Harpoons: phosphor bronze, tin plated

Metal plate for electrical continuity: brass, tin/Zinc Cr3 plated

Nuts: brass, tin/Zinc Cr3 plated torque: 0.7N/m

##### Electrical characteristics:

max. current rating: 5A

Test voltage: 1000V

Rated voltage: 300V

Contact resistance:  $\leq 15\text{m}\Omega$

Shell resistance:  $\leq 5\text{m}\Omega$

Insulation resistance:  $\geq 5000\text{M}\Omega$

##### Climatic characteristics:

Operating temperature range:  $-55^{\circ}\text{C}$   $+125^{\circ}\text{C}$

##### Dimensions:

in accordance with MIL-C-24308

| SHELL | A $\pm 0.38$ | B $\pm 0.12$ | C $\pm 0.10$ | D $\pm 0.25$ | G $\pm 0.25$ | PART NUMBER            |                   |
|-------|--------------|--------------|--------------|--------------|--------------|------------------------|-------------------|
|       |              |              |              |              |              | Plating, 0.76 $\mu$ AU | Plating, Flash AU |
| 09    | 30.81        | 24.99        | 16.96        | 16.79        | 5.90         | D09P23A6G*00**         | D09P23A4G*00**    |
| 15    | 39.14        | 33.32        | 25.18        | 25.12        | 5.90         | D15P23A6G*00**         | D15P23A4G*00**    |
| 25    | 53.03        | 47.04        | 39.12        | 38.84        | 5.70         | D25P23A6G*00**         | D25P23A4G*00**    |
| 37    | 69.32        | 63.50        | 55.68        | 55.30        | 5.70         | D37P23A6G*00**         | D37P23A4G*00**    |

Threaded  $\varnothing T$  M3 = L  
Threaded  $\varnothing T$  4.40 = X

LEAD FREE DETAILS ADDED

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

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

|                                                                                       |             |            |                                                                               |        |                                   |  |                                                                                                     |  |                                                                                             |              |              |
|---------------------------------------------------------------------------------------|-------------|------------|-------------------------------------------------------------------------------|--------|-----------------------------------|--|-----------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------|--------------|--------------|
| www.fciconnect.com                                                                    |             |            | surface<br>ISO 1302                                                           |        | tolerance std<br>ISO 406 ISO 1101 |  | projection<br> |  | mm<br> |              |              |
|                                                                                       |             |            | TOLERANCES UNLESS OTHERWISE SPECIFIED                                         |        |                                   |  |                                                                                                     |  |                                                                                             |              |              |
| Dr                                                                                    | JOHN SLEEBA | 1996/08/29 | ANGULAR                                                                       | LINEAR | 0.X                               |  | ±0.1                                                                                                |  | size<br>A3                                                                                  | Scale<br>1:1 |              |
| Eng                                                                                   | GEORGE VJ   | 1996/08/29 |                                                                               |        | 0.XX                              |  | ±0.1                                                                                                |  |                                                                                             |              |              |
| Chr                                                                                   | GEORGE VJ   | 2005/07/27 | 0.XX°                                                                         | ±1°    | 0.XXX                             |  | ±0.1                                                                                                |  | ECN                                                                                         | -            |              |
| Appr                                                                                  | KVSD        | 2005/07/27 | Product family                                                                |        |                                   |  | D-SUB                                                                                               |  | Spec ref -                                                                                  |              |              |
|  |             |            | title<br>MALE CONNECT.DELTA D RIGHT ANGLE<br>WITH NUT, HARPOON & METAL PLATE. |        |                                   |  | drawing no<br>C01-8646-0480                                                                         |  |                                                                                             |              | Rev.         |
|                                                                                       |             |            | catalog no<br>DELTA-D                                                         |        |                                   |  | CUSTOMER                                                                                            |  |                                                                                             |              | sheet 1 of 1 |

REV F - 2006-04-17

PDM: Rev:D

STATUS: Released

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