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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°C $+125^{\circ}\text{C}$

Dimensions:

in accordance with MIL-C-24308

SHELL	A ± 0.38	B ± 0.12	C ± 0.10	D ± 0.25	G ± 0.25	PART NUMBER	
						Plating, 0.76 μ 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 ISO 1302		tolerance std ISO 406 ISO 1101		projection 		mm 		
			TOLERANCES UNLESS OTHERWISE SPECIFIED								
Dr	JOHN SLEEBA	1996/08/29	ANGULAR	LINEAR	0.X		±0.1		size A3	Scale 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 MALE CONNECT.DELTA D RIGHT ANGLE WITH NUT, HARPOON & METAL PLATE.					dwg no C01-8646-0480		Rev.	
			catalog no DELTA-D					CUSTOMER		sheet 1 of 1	

REV F - 2006-04-17

PDM: Rev:D

STATUS: Released

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