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D

REQUIREMENTS

Technical characteristics:

Shell: steel tin/Zinc Cr3 plated

Insulators: self-extinguishing thermoplastic, UL class 94V0

IR or reflow process compatible

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

Cycles: >500 for protection 6

>200 for protection 4

Harpoon: brass, tin plated

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

Nuts: brass, tin/Zinc Cr3 plated

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 to $+225^\circ\text{C}$

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
09	30.81	24.99	16.96	16.21	10.96	
15	39.14	33.32	25.18	24.54	19.18	D15S33E*GX09**
25	53.03	47.04	39.12	38.25	33.12	D25S33E*GX09**
37	69.32	63.50	55.68	54.71	49.68	---

Protection: 4 --> flash AU
6 --> $0.76\mu\text{m}$ AU

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

www.fciconnect.com			surface ISO 1302		✓	tolerance std ISO 406 ISO 1101		projection 	mm 
			TOLERANCES UNLESS OTHERWISE SPECIFIED						
Dr	JOHN SLEEBA	1996/06/21	ANGULAR	LINEAR	0.X		±0.1	size A3	Scale 1:1
Eng	GEORGE VJ	1996/06/21			0.XX		±0.1		
Chr	GEORGE VJ	2005/07/27			0.XXX		±0.1		
Appr	KVSD	2005/07/27	0.XX ±1°		Product family			D-SUB	Spec ref -
			title SOCKET CONNECT.DELTA D RIGHT ANGLE WITH NUT, HARPOON AND METAL PLATE				dwg no C01-8646-0449		Rev. D
			catalog no DELTA-D				CUSTOMER		sheet 1 of 1

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