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D

REQUIREMENTS

Technical characteristics

Shell: steel tin plated
Insulators: self-extinguishing black polyester, UL 94V0
Contacts size 20: phosphor bronze, gold on mating end, bright tin
on termination end over nickel on entire contact
Cycles: 1500 For protection 5
1200 For protection 4

Harpoons: phosphor bronze, tin plated
Metal plate for electrical continuity: brass, tin plated
Screws locks: brass, tin plated torque: 0.5N/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 to $+125^\circ\text{C}$

Dimensions

In accordance with MIL-C-24308

b	27/7/05	LEAD FREE DETAILS ADDED
INDEX	DATE	REVISION DESCRIPTION

PART NUMBER						
SHELL	A ± 0.38	B ± 0.12	C ± 0.10	D ± 0.25	G ± 0.25	
09	30.81	24.99	16.96	16.21	5.90	D09523A6U*00**
15	39.14	33.32	25.18	24.54	5.90	D15523A6U*00**
25	53.03	47.04	39.12	38.25	5.70	D25523A6U*00**
37	69.32	63.50	55.68	54.71	5.70	D37523A6U*00**

Threaded $\varnothing T$ M3 = J
Threaded $\varnothing T$ 4.40 = V

FOR ROHS DETAILS REFER DWG. NO. C01-8545-0000

			✓	Tolerance LINEAR ± 0.1 ANGULAR $\pm 1^\circ$	Projection 	MM
Dr JOHN SLEEBA	22/11/00	Product Family	D-SVB	Size	A3	Scale
Eng GEORGE VJ	22/11/00	Spec ref		ECN		
Chr GEORGE VJ	27/7/05	Material				
Appr K Somasundaram	27/7/05					
Title SOCKET CONNECTOR DELTA D with SCREW LOCK AND METAL BRACKET.			Dwg no C01-8545-0738		Rev. b	
Catalog no DELTA-D			CUSTOMER COPY		Sheet 1 of 1	