



# Allen Electric Connector Sales, inc.



M83723/75 Plug, Bayonet, Socket Contacts Class A, G, R, W



SHELL SIZE	A MAX	B ±.005	C ±.032	D ±.056	E MAX	F -0.12	G +0.10	H MAX	J THREAD	U DIA	V DIA
8	.828	.554	.568	.120	1.215	.448	.062	.087	1/2-20 UNF		
10	.954	.719	.585	.120	1.215	.448	.062	.087	3/8-24 UNF		
12	1.047	.812	.664	.120	1.21						
14	1.141	.906	.669	.120	1.21						
16	1.234	.988	1.115	.120	1.21						
18	1.308	1.092	1.246	.120	1.21						
20	1.448	1.190	1.365	.120	1.21						
22	1.578	1.250	1.486	.120	1.21						
24	1.708	1.375	1.615	.120	1.21						

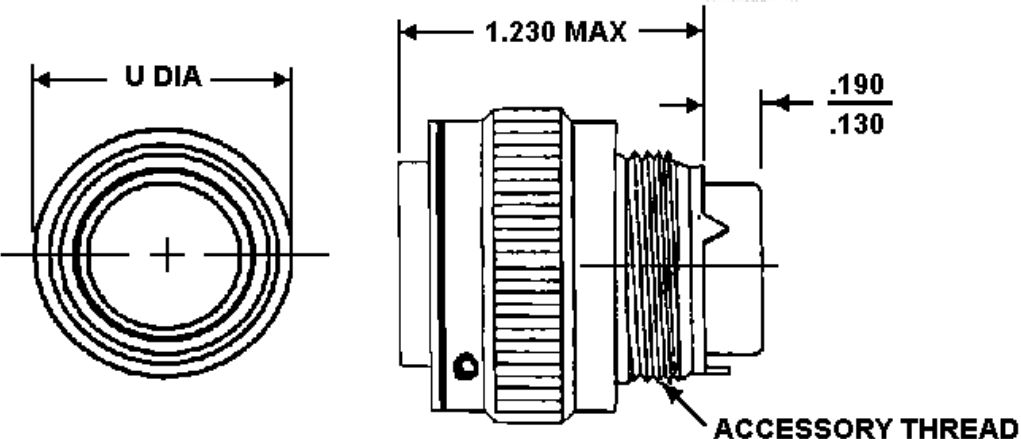
M83723/76 Plug, Bayonet, Pin Contacts Class A, G, R, W



SHELL SIZE	A	B ±.005	C ±.032	D ±.056	E	MAX
8	.828	.554	.568	.120	.121	
10	.954	.719	.585	.120	.121	
12	1.047	.812	.664	.120	.121	
14	1.141	.906	.669	.120	.121	
16	1.234	.988	1.115	.120	.121	
18	1.308	1.092	1.246	.120	.121	
20	1.448	1.190	1.365	.120	.121	
22	1.578	1.250	1.486	.120	.121	
24	1.708	1.375	1.615	.120	.121	

M83723/77 Plug, RFI, Bayonet, Socket Contacts Class G, R, W

M83723/78 Plug, RFI, Bayonet, Pin Contacts Class G, R, W



SHELL SIZE	U DIA		ACCESSORY THREAD
	INCH	MM	
8	.776	19.71	.500-20 UNF-2A
10	.906	23.01	.625-24 UNF-2A
12	1.078	27.38	.750-20 UNF-2A

14	1.141	28.98	1.25	1.875-20 UNEF-2A
16	1.266	32.15	1.312	1.000-20 UNEF-2A
18	1.375	34.92	1.406	1.062-18 UNEF-2A
20	1.510	38.35	1.512	1.188-18 UNEF-2A
22	1.625	41.27	1.625	1.312-18 UNEF-2A
24	1.760	44.70	1.750	1.438-18 UNEF-2A

14	1.234	36.88	1.115	1.20	1.21
16	1.358	40.92	1.235	1.20	1.21
20	1.463	44.100	1.365	1.20	1.21
22	1.578	47.20	1.485	1.20	1.21
24	1.703	50.375	1.615	1.20	1.21

[MIL-DTL-83723 Series III Polarizing Locksmith Keyed Positions](#)  
[MIL-DTL-83723 Insert Arrangements](#)  
[MIL-DTL-83723 Panel Cut-Out Dimensions](#)

### MILITARY PART NUMBERING SYSTEM

**M83723 / 75**

**A 14 12 A**

**Insert Clocking** (N for normal, alternate positions 6,7,8,9, and Y (MIL-STD 1554))

**Insert Arrangement** Per MIL-STD 1554

**Shell Size:** Even numbers 8 thru 24

**Class:**

**A= Aluminum shell, black anodize finish, fluid resistant insert**

**R= Aluminum shell, electroless nickel finish, fluid resistant insert**

**G= Stainless steel shell, passivated, fluid resistant insert**

**K= Stainless steel shell, passivated, firewall, non-flammable hard dielectric fluid resistant insert**

**W= Aluminum shell, cadmium, conductive finish, 500 hours salt spray, fluid resistant insert**

**N= Plugs, electrodeposited nickel finish, hermetic, fluid resistant insert, firewall, RFI grounding, self locking,**

**Receptacles, electrodeposited nickel finish, hermetic, fluid resistant insert, firewall**

**S= Stainless steel shell, passivated, fluid resistant insert, firewall (plug & receptacle), RFI grounding, self locking (plug)**

**Shell and Contact Style:**

**71= Bayonet Square Flange, Socket Contacts**

**72= Bayonet Square Flange, Pin Contacts**

**73= Bayonet Single Hole Mt, Socket Contacts**

**74= Bayonet Single Hole Mt, Pin Contacts**

**75= Bayonet Straight Plug, Socket Contacts**

**76= Bayonet Straight Plug, Pin Contacts**

**77= Bayonet RFI Plug, Socket Contacts**

**78= Bayonet RFI Plug, Pin Contacts**

**82= Threaded Square Flange, Socket Contacts**

**83= Threaded Square Flange, Pin Contacts**

**84= Threaded Single Hole Mt, Socket Contacts**

**85= Threaded Single Hole Mt, Pin Contacts**

**86= Threaded Straight Plug, Socket Contacts**

**87= Threaded Straight Plug, Pin Contacts**

**91= Threaded RFI Plug, Socket Contacts**

**92= Threaded RFI Plug, Pin Contacts**

**95= Threaded Self-Locking Plug, Socket Contacts**

**96= Threaded Self-Locking Plug, Pin Contacts**

**97= Threaded Self-Locking RFI Plug, Socket Contacts**

**98= Threaded Self-Locking RFI Plug, Pin Contacts**

**MS Number**

24	1.703	1.375	1.615	1.27	1.275	1.40	0.94	0.12	1.716-18 (NFI)
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24	1.703	1.375	1.615	1.27	1.27
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For pricing and availability, please fill out our RFQ form



If you need any other information, please **E-Mail** [aecs@aecsinc.com](mailto:aecs@aecsinc.com)



phone (703) 425-3815 fax (703) 425-3814

We look forward to hearing from you!



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