

# Wiseman's Wall Chart of Mil-Spec Connector Accessories

Every Popular Design, Size and Finish in Stock and Ready for Immediate Same-Day Shipment

Military Connector Specification	36 Non-Environ. Strain Relief Backshells		37 Environmental Backshells		38 EMI/RFI Non-Environ. Backshells		39 EMI/RFI Environmental Backshells		44 Crimp Ring Backshells		44 Banding Backshells		45 Qwik-Ty Strain Reliefs		62 Strain Reliefs		68 Mounting Flanges and Gaskets		
	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	Non-Self-Locking	Self-Locking	
MIL-DTL-5015 Series MS3100 Solder							For use with MS "V" Thread General Duty "A" End Bell M85049/1 (MS3057B) Str. M85049/2 (MS3057C) Str.												
MIL-DTL-5015 Series MS3400 Crimp		M85049/11 (MS3437B) Str. M85049/7 (MS3189B) 45° M85049/9 (MS3188B) 90°	M85049/25 (MS3437C) Str. M85049/23 (MS3189C) 45° M85049/24 (MS3188C) 90°	M85049/10 (MS3437A) Str. M85049/6 (MS3189A) 45° M85049/8 (MS3188A) 90°	M85049/26-1 Str. (MS3419) Str. M85049/26-2 Ring (MS3161) Ring M85049/26-3 Str.	M85049/82 Str. M85049/82N Str. M85049/83 45° M85049/83N 45° M85049/84 90° M85049/84N 90°	No Ground Lug M85049/53 (MS3152) Str. M85049/54 (MS3153) 45° M85049/55 (MS3154) 90° With Ground Lug M85049/55H 90°	No Ground Lug M85049/55 90° With Ground Lug M85049/55H 90°	M85049/52-1 (MS3417) Str. (MS3373/15S) Str. M85049/118 Str. M85049/43 (MS3415) 45° M85049/51-1 (MS3418) 90° (MS3373/15A) 90° M85049/120S 90°	M85049/52S Str. M85049/118S Str. M85049/43S 45° M85049/51S 90° M85049/120S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4								
MIL-DTL-22992 Classes C, J & R		M85049/3 Str. M85049/4 Str. M85049/5 Str.																	
MIL-DTL-26482 Series I																			
MIL-DTL-26482 Series II		M85049/11 (MS3437B) Str. M85049/7 (MS3189B) 45° M85049/9 (MS3188B) 90°	M85049/25 (MS3437C) Str. M85049/23 (MS3189C) 45° M85049/24 (MS3188C) 90°	M85049/10 (MS3437A) Str. M85049/6 (MS3189A) 45° M85049/8 (MS3188A) 90°	M85049/26-1 Str. (MS3419) Str. M85049/26-2 Ring (MS3161) Ring M85049/26-3 Str.	M85049/82 Str. M85049/82N Str. M85049/83 45° M85049/83N 45° M85049/84 90° M85049/84N 90°	No Ground Lug M85049/53 (MS3152) Str. M85049/54 (MS3153) 45° M85049/55 (MS3154) 90° With Ground Lug M85049/55H 90°	No Ground Lug M85049/55 90° With Ground Lug M85049/55H 90°	M85049/52-1 (MS3417) Str. (MS3373/15S) Str. M85049/118 Str. M85049/43 (MS3415) 45° M85049/51-1 (MS3418) 90° (MS3373/15A) 90° M85049/120S 90°	M85049/52S Str. M85049/118S Str. M85049/43S 45° M85049/51S 90° M85049/120S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4								
MIL-DTL-26500																			
MIL-DTL-27599	M85049/29 Str. (M38999/6)		M85049/36 (M38999/7) Str. M85049/37 (M38999/8) 90°			M85049/85 Str. M85049/85N Str. M85049/86 45° M85049/86N 45° M85049/87 90° M85049/87N 90°	M85049/56 (MS27668) Str. M85049/57 (MS27669) 45° M85049/63 (MS27670) 90°	No Ground Lug M85049/57S 45° M85049/63S 90° With Ground Lug M85049/57G 45° M85049/57H 45° M85049/63C 90° M85049/63H 90°	M85049/45 (MS27663-1) Str. M85049/49-2S Str. M85049/121S Str. M85049/46 (MS27663-2) 90° M85049/47 (MS27507) 90° M85049/123S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-28840		M28840/6 B Str. M28840/8 A 90° M28840/8 B 90°		M28840/6 A Str. M28840/8 A 90° M28840/8 A 45°					M28840/1 Str. M28840/3 45° M28840/2 90°		M28840/24 Gasket								
MIL-DTL-38999 Series I	M85049/29 Str. (M38999/6)		M85049/36 (M38999/7) Str. M85049/37 (M38999/8) 90°	M85049/17 (M38999/5) Str. M85049/76 90° M85049/77 45°	M85049/33-2 Str. (M38999/3) Str. M85049/26-2 Ring (MS3161) Ring	M85049/85 Str. M85049/85N Str. M85049/86 45° M85049/86N 45° M85049/87 90° M85049/87N 90°	M85049/56 (MS27668) Str. M85049/57 (MS27669) 45° M85049/63 (MS27670) 90°	No Ground Lug M85049/57S 45° M85049/63S 90° With Ground Lug M85049/57G 45° M85049/57H 45° M85049/63C 90° M85049/63H 90°	M85049/45 (MS27663-1) Str. M85049/49-2S Str. M85049/121S Str. M85049/46 (MS27663-2) 90° M85049/47 (MS27507) 90° M85049/123S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-38999 Series II	M85049/29 Str. (M38999/6)		M85049/36 (M38999/7) Str. M85049/37 (M38999/8) 90°	M85049/17 (M38999/5) Str. M85049/76 90° M85049/77 45°	M85049/33-2 Str. (M38999/3) Str. M85049/26-2 Ring (MS3161) Ring	M85049/85 Str. M85049/85N Str. M85049/86 45° M85049/86N 45° M85049/87 90° M85049/87N 90°	M85049/56 (MS27668) Str. M85049/57 (MS27669) 45° M85049/63 (MS27670) 90°	No Ground Lug M85049/57S 45° M85049/63S 90° With Ground Lug M85049/57G 45° M85049/57H 45° M85049/63C 90° M85049/63H 90°	M85049/45 (MS27663-1) Str. M85049/49-2S Str. M85049/121S Str. M85049/46 (MS27663-2) 90° M85049/47 (MS27507) 90° M85049/123S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-38999 Series III	M85049/21 Str.		M85049/19 Str.	M85049/18 Str. M85049/78 45° M85049/79 90°	M85049/20 Str.	M85049/88 Str. M85049/88N Str. M85049/89 45° M85049/89N 45° M85049/90 90° M85049/90N 90°	M85049/15-45° M85049/16-90°	No Ground Lug M85049/15S 45° M85049/16S 90° With Ground Lug M85049/15G 45° M85049/15H 45° M85049/16C 90° M85049/16H 90°	M85049/38 Str. M85049/91 Str. M85049/124S Str. M85049/39 90° M85049/126 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-38999 Series IV	M85049/21 Str.		M85049/19 Str.	M85049/18 Str. M85049/78 45° M85049/79 90°	M85049/20 Str.	M85049/88 Str. M85049/88N Str. M85049/89 45° M85049/89N 45° M85049/90 90° M85049/90N 90°	M85049/15-45° M85049/16-90°	No Ground Lug M85049/15S 45° M85049/16S 90° With Ground Lug M85049/15G 45° M85049/15H 45° M85049/16C 90° M85049/16H 90°	M85049/38 Str. M85049/91 Str. M85049/124S Str. M85049/39 90° M85049/126 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-81511 Series I			M81511/14 Str.	M81511/14 Str.					M81511/13 Str.										
MIL-DTL-81511 Series II			M81511/14 Str.	M81511/14 Str.					M81511/13 Str.										
MIL-DTL-81511 Series III			M81511/14 Str.	M81511/14 Str.					M81511/13 Str.										
MIL-DTL-81511 Series IV			M81511/14 Str.	M81511/14 Str.					M81511/13 Str.										
SAE-AS81703 Crimp Series III	M85049/11 (MS3437B) Str. M85049/7 (MS3189B) 45° M85049/9 (MS3188B) 90°	M85049/25 (MS3437C) Str. M85049/23 (MS3189C) 45° M85049/24 (MS3188C) 90°	M85049/10 (MS3437A) Str. M85049/6 (MS3189A) 45° M85049/8 (MS3188A) 90°	M85049/26-1 Str. (MS3419) Str. M85049/26-2 Ring (MS3161) Ring M85049/26-3 Str.	M85049/82 Str. M85049/82N Str. M85049/83 45° M85049/83N 45° M85049/84 90° M85049/84N 90°	No Ground Lug M85049/53 (MS3152) Str. M85049/54 (MS3153) 45° M85049/55 (MS3154) 90° With Ground Lug M85049/55H 90°	No Ground Lug M85049/55 90° With Ground Lug M85049/55H 90°	M85049/52-1 (MS3417) Str. (MS3373/15S) Str. M85049/118 Str. M85049/43 (MS3415) 45° M85049/51-1 (MS3418) 90° (MS3373/15A) 90° M85049/120S 90°	M85049/52S Str. M85049/118S Str. M85049/43S 45° M85049/51S 90° M85049/120S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-83723 Series I	M85049/11 (MS3437B) Str. M85049/7 (MS3189B) 45° M85049/9 (MS3188B) 90°	M85049/25 (MS3437C) Str. M85049/23 (MS3189C) 45° M85049/24 (MS3188C) 90°	M85049/10 (MS3437A) Str. M85049/6 (MS3189A) 45° M85049/8 (MS3188A) 90°	M85049/26-1 Str. (MS3419) Str. M85049/26-2 Ring (MS3161) Ring M85049/26-3 Str.	M85049/82 Str. M85049/82N Str. M85049/83 45° M85049/83N 45° M85049/84 90° M85049/84N 90°	No Ground Lug M85049/53 (MS3152) Str. M85049/54 (MS3153) 45° M85049/55 (MS3154) 90° With Ground Lug M85049/55H 90°	No Ground Lug M85049/55 90° With Ground Lug M85049/55H 90°	M85049/52-1 (MS3417) Str. (MS3373/15S) Str. M85049/118 Str. M85049/43 (MS3415) 45° M85049/51-1 (MS3418) 90° (MS3373/15A) 90° M85049/120S 90°	M85049/52S Str. M85049/118S Str. M85049/43S 45° M85049/51S 90° M85049/120S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									
MIL-DTL-83723 Series II	M83723/35S Str. M83723/35A 90°								M83723/50 R Str. M83723/50 B 45° M83723/50 A 90°										
MIL-DTL-83723 Series III	M85049/11 (MS3437B) Str. M85049/7 (MS3189B) 45° M85049/9 (MS3188B) 90°	M85049/25 (MS3437C) Str. M85049/23 (MS3189C) 45° M85049/24 (MS3188C) 90°	M85049/10 (MS3437A) Str. M85049/6 (MS3189A) 45° M85049/8 (MS3188A) 90°	M85049/26-1 Str. (MS3419) Str. M85049/26-2 Ring (MS3161) Ring M85049/26-3 Str.	M85049/82 Str. M85049/82N Str. M85049/83 45° M85049/83N 45° M85049/84 90° M85049/84N 90°	No Ground Lug M85049/53 (MS3152) Str. M85049/54 (MS3153) 45° M85049/55 (MS3154) 90° With Ground Lug M85049/55H 90°	No Ground Lug M85049/55 90° With Ground Lug M85049/55H 90°	M85049/52-1 (MS3417) Str. (MS3373/15S) Str. M85049/118 Str. M85049/43 (MS3415) 45° M85049/51-1 (MS3418) 90° (MS3373/15A) 90° M85049/120S 90°	M85049/52S Str. M85049/118S Str. M85049/43S 45° M85049/51S 90° M85049/120S 90°	M85049/94 Full M85049/95 3/4 M85049/96 1/4 (M85528/1) Full (M85528/2) 3/4 (M85528/3) 1/4									

Military Connector Specification	65 Dummy Storage Receptacles	66 Protective Plug Covers	66 Protective Receptacle Covers	68 Jam Nuts	30/68 Potting Boots/Rings
MIL-DTL-5015 Series MS3100 Solder	MS3105	MS25042	MS25043		
MIL-DTL-5015 Series MS3400 Crimp	MS3105	MS25042	MS25043	MS3186	
MIL-DTL-22992 Classes C, J & R		MS17350 MS90564	MS17349 MS90563		
MIL-DTL-26482 Series I	MS3115	MS3180	MS3181	MS3186	
MIL-DTL-26482 Series II	MS3115	MS3180	MS3181	MS3186	
MIL-DTL-26500	Threaded M83723/61-1 (MS27297) Bayonet M83723/61-2 (MS27297)	Threaded M83723/59-1 (MS27294) Bayonet M83723/59-2 (MS27294)	Threaded M83723/60-1 (MS27294) Bayonet M83723/60-2 (MS27295)	MS3186	
MIL-DTL-27599				MS3186	M85049/74 M85049/61
MIL-DTL-28840	M28840/7	M28840/15	M28840/13	MS3186	
MIL-DTL-38999 Series I	M38999/9	MS27501	MS27502	MS3186	M85049/75 M85049/58 (MS27458)
MIL-DTL-38999 Series II	M38999/10	MS27510	MS27511	MS3186	M85049/75 M85049/58 (MS27458)
MIL-DTL-38999 Series III	D38999/22	D38999/32 Threaded	D38999/33 Threaded	D38999/28	
MIL-DTL-38999 Series IV	D38999/50			D38999/28	
MIL-DTL-81511 Series I	M81511/20	M81511/29	M81511/18	M81511/20	
MIL-DTL-81511 Series II	M81511/19	M81511/17	M81511/18	M81511/20	
MIL-DTL-81511 Series III				M81511/20	
MIL-DTL-81511 Series IV				M81511/20	
SAE-AS81703 Crimp Series III				MS3186	
MIL-DTL-83723 Series I	Threaded M83723/61-1 (MS27297) Bayonet M83723/61-2 (MS27297)	Threaded M83723/59-1 (MS27294) Bayonet M83723/59-2 (MS27294)	Threaded M83723/60-1 (MS27294) Bayonet M83723/60-2 (MS27295)	MS3186	

COMPOSITE THERMOPLASTIC BACKSHELLS AND ACCESSORIES					
Military Connector Specification	Three-Finger Strain Relief	Banding Adapters	Cable Clamp Strain Relief	Dust Caps	Dummy Storage Receptacles
MIL-DTL-38999 Series I, II, III, IV	M85049/45 M85049/46	M85049/89 M85049/90	M85049/91 M85049/92	M38999/32 Series III Only M38999/33 Series III Only	D38999/22
Military Connector Specification	38 EMI/RFI Environmental Backshells		62 Strain Reliefs Non-Self-Locking		70-74 Conduit Adapters and Fittings
MS "V" Thread General Duty "A" End Bell	M85049/1 (MS3057B) Str. M85049/2 (MS3057C) Str.		M85049/41 (MS3057A) Str. M85049/42 (MS3057D) Str.		M24758/9

Military Connector Specification	31 Shrink Boot Adapters	319 Shield-Sock Backshells		32 / 68 Special Purpose Adapters
		Non-Self-Locking	Self-Locking	
MIL-DTL-5015 Series MS3400 Crimp	M85049/60-1 (MS3158) Str. M85049/60-2 (MS3416) Str.	M85049/109 Str. M85049/111 90°	M85049/109S Str. M85049/111S 90°	
MIL-DTL-22992 Classes C, J & R	M85049/59 Str.			
MIL-DTL-26482 Series I				M85049/34 Str. (For use with MS3114 and MS3124)
MIL-DTL-26482 Series II	M85049/60-1 (MS3158) Str. M85049/60-2 (MS3416) Str.	M85049/109 Str. M85049/111 90°	M85049/109S Str. M85049/111S 90°	
MIL-DTL-27599	M85049/62 (M38999/2) Str.	M85049/112 Str. M85049/114 90°	M85049/112S Str. M85049/114S 90°	M85049/33-1 Str.
MIL-DTL-38999 Series I	M85049/62 (M38999/2) Str.	M85049/112 Str. M85049/114 90°	M85049/112S Str. M85049/114S 90°	M85049/33-1 Str.
MIL-DTL-38999 Series II	M85049/62 (M38999/2) Str.	M85049/112 Str. M85049/114 90°	M85049/112S Str. M85049/114S 90°	M85049/33-1 Str.
MIL-DTL-38999 Series III	M85049/69 Str.	M85049/115 Str. M85049/117 90°	M85049/103 Str.* M85049/104 45°* M85049/105 90°* M85049/115S Str. M85049/117S 90°*	
MIL-DTL-38999 Series IV	M85049/69 Str.	M85049/115 Str. M85049/117 90°	M8504	