



MIL-DTL-38999 Backshells and Accessories Selection Guide

Military Standard Circular Connector Accessories

Military Connector Specifications	Shrink Boot Adapters	Non Environmental Strain Relief Backshells	EMI/RFI Non-Environmental Backshells	EMI/RFI Environmental Backshells	Banding Backshells
MIL-C-38999 Series I	M85049/62 Straight	M85049/29 Straight	M85049/36 Straight M85049/37 90°	M85049/17 Straight M85049/76 90° M85049/77 45°	M85049/85 Straight M85049/86 45° M85049/87 90°
MIL-C-38999 Series II	M85049/62 Straight	M85049/29 Straight	M85049/36 Straight M85049/37 90°	M85049/17 Straight M85049/76 90° M85049/77 45°	M85049/85 Straight M85049/86 45° M85049/87 90°
MIL-C-38999 Series III	M85049/69 Straight	M85049/21 Straight	M85049/19 Straight	M85049/18 Straight M85049/78 45° M85049/79 90°	M85049/88 Straight M85049/89 45° M85049/90 90°
MIL-C-38999 Series IV	M85049/69 Straight	M85049/21 Straight	M85049/19 Straight	M85049/18 Straight M85049/78 45° M85049/79 90°	M85049/88 Straight M85049/89 45° M85049/90 90°

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Quick-Ty Strain Reliefs		Strain Reliefs		Dummy Stowage Receptacles	Protective Plug Covers	Protective Receptacle Covers	Military Connector Specifications
Non-Self Locking	Self Locking	Non-Self Locking	Self Locking				
M85049/56 straight M85049/57 45° M85049/58 90°	No Ground Lug M85049/56S Straight M85049/57S 45° W/ Ground Lug M85049/56G Straight M85049/57G 45°	M85049/45 Straight M85049/46 90° M85049/47 (MS27507) 90° M85049/49 (MS27506) Straight	M85049/47S 90° M85049/49S Straight	M38999/9	MS27501	MS27502	MIL-C-38999 Series I
M85049/56 straight M85049/57 45° M85049/58 90°	No Ground Lug M85049/56S Straight M85049/57S 45° W/ Ground Lug M85049/56G Straight M85049/57G 45°	M85049/45 Straight M85049/46 90° M85049/47 (MS27507) 90° M85049/49 (MS27506) Straight	M85049/47S 90° M85049/49S Straight	M38999/10	MS27510	MS27511	MIL-C-38999 Series II
M85049/15 45° M85049/16 90°	N/A	M85049/38 Straight M85049/39 90° M85049/91 Straight M85049/92 90°	M85049/38S Straight M85049/39S 90°	M38999/22	D38999/32 Threaded	D38999/33 Threaded	MIL-C-38999 Series III
M85049/15 45° M85049/16 90°	M85049/15 45° M85049/16 90°	M85049/38 Straight M85049/39 90° M85049/91 Straight M85049/92 90°	M85049/38S Straight M85049/39S 90°	M38999/50	N/A	N/A	MIL-C-38999 Series IV