

# AS85049/38

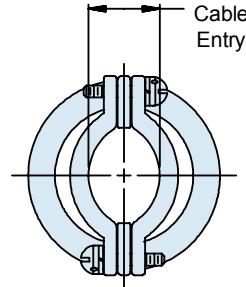
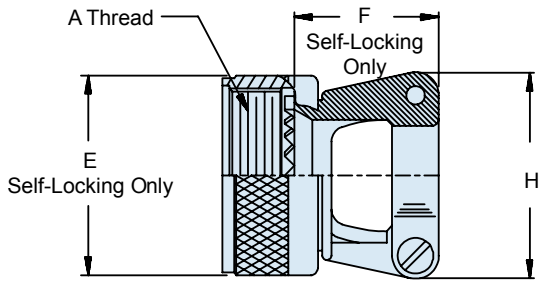
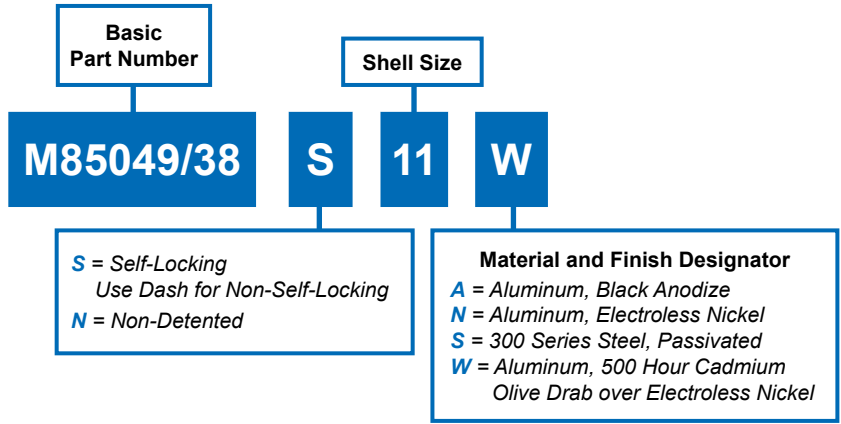
## Straight Strain Relief

### Self-Locking or Non-Self-Locking



**CONNECTOR DESIGNATOR:**  
**H** MIL-DTL-38999 Series III & IV

**FOR NEW DESIGN  
 USE AS85049/124**



Note: Screw orientation shown is for non-self-locking configuration. Screws on self-locking configurations are on the same side/face of the clamp.

**TABLE I: Shell Size, Cable Entry and Backshell Dimensions**

Shell Size	Shell Size Ref.	A Thread Class 2B	Ø E Max		F Max		H Max		Cable Entry			
			Self-Locking Only		Self-Locking Only				Min	Max		
9	A	M12 X 1 - 6H	.858	(21.8)	.91	(23.1)	.85	(21.6)	.098	(2.5)	.234	(5.9)
11	B	M15 X 1 - 6H	.984	(25.0)	.91	(23.1)	.90	(22.9)	.153	(3.9)	.234	(5.9)
13	C	M18 X 1 - 6H	1.157	(29.4)	1.01	(25.7)	1.10	(27.9)	.190	(4.8)	.328	(8.3)
15	D	M22 X 1 - 6H	1.279	(32.5)	1.06	(26.9)	1.15	(29.2)	.260	(6.6)	.457	(11.6)
17	E	M25 X 1 - 6H	1.406	(35.7)	1.16	(29.5)	1.30	(33.0)	.283	(7.2)	.614	(15.6)
19	F	M28 X 1 - 6H	1.516	(38.5)	1.41	(35.8)	1.50	(38.1)	.325	(8.3)	.634	(16.1)
21	G	M31 X 1 - 6H	1.642	(41.7)	1.51	(38.4)	1.60	(40.6)	.343	(8.7)	.698	(17.7)
23	H	M34 X 1 - 6H	1.768	(44.9)	1.66	(42.2)	1.70	(43.2)	.381	(9.7)	.823	(20.9)
25	J	M37 X 1 - 6H	1.889	(48.0)	2.76	(44.7)	1.80	(45.7)	.418	(10.6)	.853	(21.7)

- APPLICATION NOTES**
1. Assembly to be identified with manufacturer's name and part number, space permitting.
  2. Cable Entry is defined as the accommodation entry for the wire bundle or cable. Dimensions are not intended for inspection criteria.
  3. For complete dimensions, see the applicable Military Specification.
  4. Metric dimensions (mm) are in parentheses.