

M85049/43 Type 45° Strain Relief Backshell

RY85049 Series • M85049 Type Backshells



Photo for example only

RY85049/43 Compatibility

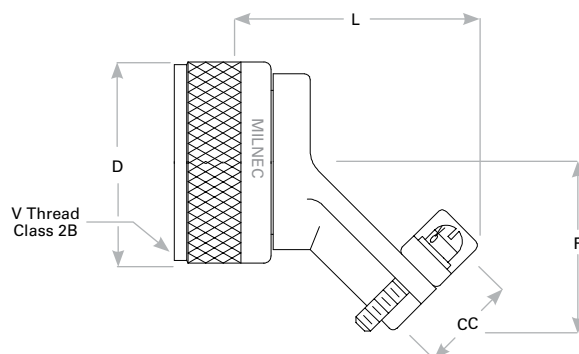
Compatible Connector Series

AS5015 Series AS34001 Crimp, MIL-DTL-26482 Series II, AS81703 Crimp Series III, MIL-DTL-83723 Series I & III

RY85049/43 Dimensions

Dash No.	V Thread Class 2B	D Max	L Max Closed	F Max	CC Cable Clearance	
					Min	Max
3	0.562 - 24 UNEF	0.669 (17.0)	1.160 (29.5)	0.772 (19.6)	0.125 (3.2)	0.204 (5.2)
8	0.500 - 20 UNF	0.617 (15.7)	1.160 (29.5)	0.772 (19.6)	0.125 (3.2)	0.204 (5.2)
10	0.625 - 24 UNEF	0.734 (18.6)	1.204 (30.6)	0.803 (20.4)	0.187 (4.7)	0.286 (7.3)
12	0.750 - 20 UNEF	0.858 (21.8)	1.278 (32.5)	0.866 (22.0)	0.291 (7.4)	0.416 (10.6)
14	0.875 - 20 UNEF	0.984 (25.0)	1.320 (33.5)	0.928 (23.6)	0.351 (8.9)	0.476 (12.1)
16	1.000 - 20 UNEF	1.112 (28.2)	1.426 (36.2)	0.991 (25.2)	0.501 (12.7)	0.625 (15.9)
18	1.062 - 18 UNEF	1.218 (30.9)	1.544 (39.2)	1.110 (28.2)	0.518 (13.2)	0.706 (17.9)
20	1.188 - 18 UNEF	1.345 (34.2)	1.588 (40.3)	1.172 (29.8)	0.581 (14.8)	0.831 (21.1)
22	1.313 - 18 UNEF	1.468 (37.3)	1.632 (41.5)	1.235 (31.4)	0.644 (16.4)	0.956 (24.3)
24	1.438 - 18 UNEF	1.593 (40.5)	1.676 (42.6)	1.297 (32.9)	0.706 (17.9)	1.081 (27.5)
28	1.750 - 18 UNS	1.969 (50.0)	1.801 (45.7)	1.543 (39.2)	0.750 (19.1)	1.187 (30.1)
32	2.000 - 18 UNS	2.219 (56.4)	1.889 (48.0)	1.668 (42.4)	0.875 (22.2)	1.250 (31.8)
36	2.250 - 16 UN	2.469 (62.7)	1.933 (49.1)	1.793 (45.5)	0.938 (23.8)	1.375 (34.9)
40	2.500 - 16 UN	2.719 (69.1)	1.934 (49.1)	1.918 (48.7)	0.938 (23.8)	1.500 (38.1)
44	2.750 - 16 UN	2.969 (75.4)	2.200 (55.9)	2.132 (54.2)	1.188 (30.2)	1.750 (44.5)
48	3.000 - 16 UN	3.219 (81.8)	2.288 (58.1)	2.257 (57.3)	1.312 (33.3)	1.875 (47.6)
61	1.500 - 18 UNEF	1.653 (42.0)	1.676 (42.6)	1.204 (30.6)	0.706 (17.9)	1.081 (27.5)

Dimensions are in inches (mm).



RY85049/43 S 12 N



1 BASIC PART NUMBER

RY85049/43

M85049/43 type
45° strain relief backshell
(Supersedes MS3415)

2 COUPLING STYLE

N Non-detented
S Self-locking
(Use dash for non-self-locking)

3 DASH NO.

See Dimensions table below

4 MATERIAL & FINISH

A Aluminum, black anodize
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium over electroless nickel
X Aluminum, nickel fluorocarbon polymer
Y Aluminum, pure dense electrodeposited aluminum
Z Aluminum, black zinc-nickel