

# AS81511/14 Type EMI Backshell

Ry85049 Series • M85049 Type Backshells



Photo for example only

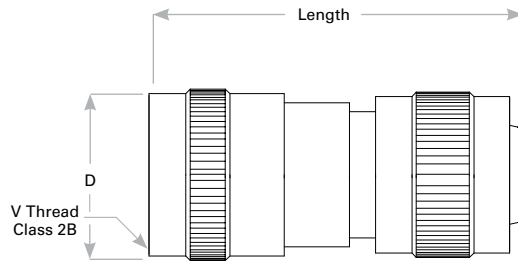
## RY81511/14 - 020

- 1 **BASIC PART NUMBER**  
**RY81511/14**  
 AS81511/14 type  
 Function A & B: EMI/environmental backshell  
 Function C & D: EMI/non-environmental backshell
- 2 **DASH NO.**  
 See Dimensions table below

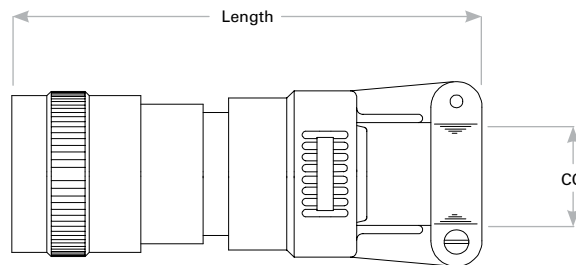
### RY81511/14 Compatibility

**Compatible Connector Series**

AS81511 Series I, II, III & IV



**Function A & C**



**Function B & D**

(Continued on next page)

Rev. 1825

# AS81511/14 Type EMI Backshell

Ry85049 Series • M85049 Type Backshells

## Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Function	V Thread Class 2B	D Max	Length	CC Cable Clearance	
						Min	Max
001	8	A	0.500 - 28 UNEF	0.555 (14.1)	2.220 (56.4)	0.062 (1.6)	0.125 (3.2)
002	8	A	0.500 - 28 UNEF	0.555 (14.1)	2.220 (56.4)	0.125 (3.2)	0.250 (6.4)
003	8	B	0.500 - 28 UNEF	0.555 (14.1)	2.720 (69.1)	0.062 (1.6)	0.125 (3.2)
004	8	B	0.500 - 28 UNEF	0.555 (14.1)	2.720 (69.1)	0.125 (3.2)	0.250 (6.4)
005	8	A	0.500 - 28 UNEF	0.555 (14.1)	2.720 (69.1)	0.062 (1.6)	0.125 (3.2)
006	8	A	0.500 - 28 UNEF	0.555 (14.1)	2.720 (69.1)	0.125 (3.2)	0.250 (6.4)
007	8	B	0.500 - 28 UNEF	0.555 (14.1)	3.220 (81.8)	0.062 (1.6)	0.125 (3.2)
008	8	B	0.500 - 28 UNEF	0.555 (14.1)	3.220 (81.8)	0.125 (3.2)	0.250 (6.4)
009	10	A	0.625 - 28 UN	0.680 (17.3)	2.220 (56.4)	0.125 (3.2)	0.250 (6.4)
010	10	A	0.625 - 28 UN	0.680 (17.3)	2.220 (56.4)	0.250 (6.4)	0.375 (9.5)
011	10	A	0.625 - 28 UN	0.680 (17.3)	2.220 (56.4)	0.375 (9.5)	0.500 (12.7)
012	10	B	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.125 (3.2)	0.250 (6.4)
013	10	B	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
014	10	B	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
015	10	A	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.125 (3.2)	0.250 (6.4)
016	10	A	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
017	10	A	0.625 - 28 UN	0.680 (17.3)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
018	10	B	0.625 - 28 UN	0.680 (17.3)	3.220 (81.8)	0.125 (3.2)	0.250 (6.4)
019	10	B	0.625 - 28 UN	0.680 (17.3)	3.220 (81.8)	0.250 (6.4)	0.375 (9.5)
020	10	B	0.625 - 28 UN	0.680 (17.3)	3.220 (81.8)	0.375 (9.5)	0.500 (12.7)
021	14	A	0.875 - 28 UN	0.930 (23.6)	2.220 (56.4)	0.250 (6.4)	0.375 (9.5)
022	14	A	0.875 - 28 UN	0.930 (23.6)	2.220 (56.4)	0.375 (9.5)	0.500 (12.7)
023	14	A	0.875 - 28 UN	0.930 (23.6)	2.220 (56.4)	0.500 (12.7)	0.625 (15.9)
024	14	B	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
025	14	B	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
026	14	B	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
027	14	A	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
028	14	A	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
029	14	A	0.875 - 28 UN	0.930 (23.6)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
030	14	B	0.875 - 28 UN	0.930 (23.6)	3.220 (81.8)	0.250 (6.4)	0.375 (9.5)
031	14	B	0.875 - 28 UN	0.930 (23.6)	3.220 (81.8)	0.375 (9.5)	0.500 (12.7)
032	14	B	0.875 - 28 UN	0.930 (23.6)	3.220 (81.8)	0.500 (12.7)	0.625 (15.9)
033	16	A	1.000 - 28 UN	1.056 (26.8)	2.220 (56.4)	0.250 (6.4)	0.375 (9.5)
034	16	A	1.000 - 28 UN	1.056 (26.8)	2.220 (56.4)	0.375 (9.5)	0.500 (12.7)
035	16	A	1.000 - 28 UN	1.056 (26.8)	2.220 (56.4)	0.500 (12.7)	0.625 (15.9)
036	16	B	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
037	16	B	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
038	16	B	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
039	16	A	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.250 (6.4)	0.375 (9.5)
040	16	A	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
041	16	A	1.000 - 28 UN	1.056 (26.8)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
042	16	B	1.000 - 28 UN	1.056 (26.8)	3.220 (81.8)	0.250 (6.4)	0.375 (9.5)
043	16	B	1.000 - 28 UN	1.056 (26.8)	3.220 (81.8)	0.375 (9.5)	0.500 (12.7)
044	16	B	1.000 - 28 UN	1.056 (26.8)	3.220 (81.8)	0.500 (12.7)	0.625 (15.9)
045	18	A	1.125 - 28 UN	1.180 (30.0)	2.220 (56.4)	0.375 (9.5)	0.500 (12.7)

Dimensions are in inches (mm).

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Rev. 1825

# AS81511/14 Type EMI Backshell

RY85049 Series • M85049 Type Backshells

## Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Function	V Thread Class 2B	D Max	Length	CC Cable Clearance	
						Min	Max
046	18	A	1.125 - 28 UN	1.180 (30.0)	2.220 (56.4)	0.500 (12.7)	0.625 (15.9)
047	18	A	1.125 - 28 UN	1.180 (30.0)	2.220 (56.4)	0.625 (15.9)	0.750 (19.1)
048	18	B	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
049	18	B	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
050	18	B	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.625 (15.9)	0.750 (19.1)
051	18	A	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.375 (9.5)	0.500 (12.7)
052	18	A	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.500 (12.7)	0.625 (15.9)
053	18	A	1.125 - 28 UN	1.180 (30.0)	2.720 (69.1)	0.625 (15.9)	0.750 (19.1)
054	18	B	1.125 - 28 UN	1.180 (30.0)	3.220 (81.8)	0.375 (9.5)	0.500 (12.7)
055	18	B	1.125 - 28 UN	1.180 (30.0)	3.220 (81.8)	0.500 (12.7)	0.625 (15.9)
056	18	B	1.125 - 28 UN	1.180 (30.0)	3.220 (81.8)	0.625 (15.9)	0.750 (19.1)
057	8	C	.500 - 28 UNEF	0.555 (14.1)	1.710 (43.4)	0.062 (1.6)	0.125 (3.2)
058	8	C	.500 - 28 UNEF	0.555 (14.1)	1.710 (43.4)	0.125 (3.2)	0.250 (6.4)
059	8	D	.500 - 28 UNEF	0.555 (14.1)	2.470 (62.7)	0.062 (1.6)	0.125 (3.2)
060	8	D	.500 - 28 UNEF	0.555 (14.1)	2.470 (62.7)	0.125 (3.2)	0.250 (6.4)
061	8	C	.500 - 28 UNEF	0.555 (14.1)	2.210 (56.1)	0.062 (1.6)	0.125 (3.2)
062	8	C	.500 - 28 UNEF	0.555 (14.1)	2.210 (56.1)	0.125 (3.2)	0.250 (6.4)
063	8	D	.500 - 28 UNEF	0.555 (14.1)	2.970 (75.4)	0.062 (1.6)	0.125 (3.2)
064	8	D	.500 - 28 UNEF	0.555 (14.1)	2.970 (75.4)	0.125 (3.2)	0.250 (6.4)
065	10	C	.625 - 28 UN	0.680 (17.3)	1.710 (43.4)	0.125 (3.2)	0.250 (6.4)
066	10	C	.625 - 28 UN	0.680 (17.3)	1.710 (43.4)	0.250 (6.4)	0.375 (9.5)
067	10	C	.625 - 28 UN	0.680 (17.3)	1.710 (43.4)	0.375 (9.5)	0.500 (12.7)
068	10	D	.625 - 28 UN	0.680 (17.3)	2.470 (62.7)	0.125 (3.2)	0.250 (6.4)
069	10	D	.625 - 28 UN	0.680 (17.3)	2.470 (62.7)	0.250 (6.4)	0.375 (9.5)
070	10	D	.625 - 28 UN	0.680 (17.3)	2.470 (62.7)	0.375 (9.5)	0.500 (12.7)
071	10	C	.625 - 28 UN	0.680 (17.3)	2.210 (56.1)	0.125 (3.2)	0.250 (6.4)
072	10	C	.625 - 28 UN	0.680 (17.3)	2.210 (56.1)	0.250 (6.4)	0.375 (9.5)
073	10	C	.625 - 28 UN	0.680 (17.3)	2.210 (56.1)	0.375 (9.5)	0.500 (12.7)
074	10	D	.625 - 28 UN	0.680 (17.3)	2.970 (75.4)	0.125 (3.2)	0.250 (6.4)
075	10	D	.625 - 28 UN	0.680 (17.3)	2.970 (75.4)	0.250 (6.4)	0.375 (9.5)
076	10	D	.625 - 28 UN	0.680 (17.3)	2.970 (75.4)	0.375 (9.5)	0.500 (12.7)
077	14	C	.875 - 28 UN	0.930 (23.6)	1.710 (43.4)	0.250 (6.4)	0.375 (9.5)
078	14	C	.875 - 28 UN	0.930 (23.6)	1.710 (43.4)	0.375 (9.5)	0.500 (12.7)
079	14	C	.875 - 28 UN	0.930 (23.6)	1.710 (43.4)	0.500 (12.7)	0.625 (15.9)
080	14	D	.875 - 28 UN	0.930 (23.6)	2.470 (62.7)	0.250 (6.4)	0.375 (9.5)
081	14	D	.875 - 28 UN	0.930 (23.6)	2.470 (62.7)	0.375 (9.5)	0.500 (12.7)
082	14	D	.875 - 28 UN	0.930 (23.6)	2.470 (62.7)	0.500 (12.7)	0.625 (15.9)
083	14	C	.875 - 28 UN	0.930 (23.6)	2.210 (56.1)	0.250 (6.4)	0.375 (9.5)
084	14	C	.875 - 28 UN	0.930 (23.6)	2.210 (56.1)	0.375 (9.5)	0.500 (12.7)
085	14	C	.875 - 28 UN	0.930 (23.6)	2.210 (56.1)	0.500 (12.7)	0.625 (15.9)
086	14	D	.875 - 28 UN	0.930 (23.6)	2.970 (75.4)	0.250 (6.4)	0.375 (9.5)
087	14	D	.875 - 28 UN	0.930 (23.6)	2.970 (75.4)	0.375 (9.5)	0.500 (12.7)
088	14	D	.875 - 28 UN	0.930 (23.6)	2.970 (75.4)	0.500 (12.7)	0.625 (15.9)
089	16	C	1.000 - 28 UN	1.056 (26.8)	1.710 (43.4)	0.250 (6.4)	0.375 (9.5)
090	16	C	1.000 - 28 UN	1.056 (26.8)	1.710 (43.4)	0.375 (9.5)	0.500 (12.7)

Dimensions are in inches (mm).

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## Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Function	V Thread Class 2B	D Max	Length	CC Cable Clearance	
						Min	Max
091	16	C	1.000 - 28 UN	1.056 (26.8)	1.710 (43.4)	0.500 (12.7)	0.625 (15.9)
092	16	D	1.000 - 28 UN	1.056 (26.8)	2.470 (62.7)	0.250 (6.4)	0.375 (9.5)
093	16	D	1.000 - 28 UN	1.056 (26.8)	2.470 (62.7)	0.375 (9.5)	0.500 (12.7)
094	16	D	1.000 - 28 UN	1.056 (26.8)	2.470 (62.7)	0.500 (12.7)	0.625 (15.9)
095	16	C	1.000 - 28 UN	1.056 (26.8)	2.210 (56.1)	0.250 (6.4)	0.375 (9.5)
096	16	C	1.000 - 28 UN	1.056 (26.8)	2.210 (56.1)	0.375 (9.5)	0.500 (12.7)
097	16	C	1.000 - 28 UN	1.056 (26.8)	2.210 (56.1)	0.500 (12.7)	0.625 (15.9)
098	16	D	1.000 - 28 UN	1.056 (26.8)	2.970 (75.4)	0.250 (6.4)	0.375 (9.5)
099	16	D	1.000 - 28 UN	1.056 (26.8)	2.970 (75.4)	0.375 (9.5)	0.500 (12.7)
100	16	D	1.000 - 28 UN	1.056 (26.8)	2.970 (75.4)	0.500 (12.7)	0.625 (15.9)
101	18	C	1.125 - 28 UN	1.180 (30.0)	1.710 (43.4)	0.375 (9.5)	0.500 (12.7)
102	18	C	1.125 - 28 UN	1.180 (30.0)	1.710 (43.4)	0.500 (12.7)	0.625 (15.9)
103	18	C	1.125 - 28 UN	1.180 (30.0)	1.710 (43.4)	0.625 (15.9)	0.750 (19.1)
104	18	D	1.125 - 28 UN	1.180 (30.0)	2.470 (62.7)	0.375 (9.5)	0.500 (12.7)
105	18	D	1.125 - 28 UN	1.180 (30.0)	2.470 (62.7)	0.500 (12.7)	0.625 (15.9)
106	18	D	1.125 - 28 UN	1.180 (30.0)	2.470 (62.7)	0.625 (15.9)	0.750 (19.1)
107	18	C	1.125 - 28 UN	1.180 (30.0)	2.210 (56.1)	0.375 (9.5)	0.500 (12.7)
108	18	C	1.125 - 28 UN	1.180 (30.0)	2.210 (56.1)	0.500 (12.7)	0.625 (15.9)
109	18	C	1.125 - 28 UN	1.180 (30.0)	2.210 (56.1)	0.625 (15.9)	0.750 (19.1)
110	18	D	1.125 - 28 UN	1.180 (30.0)	2.970 (75.4)	0.375 (9.5)	0.500 (12.7)
111	18	D	1.125 - 28 UN	1.180 (30.0)	2.970 (75.4)	0.500 (12.7)	0.625 (15.9)
112	18	D	1.125 - 28 UN	1.180 (30.0)	2.970 (75.4)	0.625 (15.9)	0.750 (19.1)
113	20	A	1.250 - 28 UN	1.305 (33.1)	2.300 (58.4)	0.500 (12.7)	0.625 (15.9)
114	20	A	1.250 - 28 UN	1.305 (33.1)	2.300 (58.4)	0.625 (15.9)	0.750 (19.1)
115	20	A	1.250 - 28 UN	1.305 (33.1)	2.300 (58.4)	0.750 (19.1)	0.875 (22.2)
116	20	B	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.500 (12.7)	0.625 (15.9)
117	20	B	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.625 (15.9)	0.750 (19.1)
118	20	B	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
119	20	A	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.500 (12.7)	0.625 (15.9)
120	20	A	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.625 (15.9)	0.750 (19.1)
121	20	A	1.250 - 28 UN	1.305 (33.1)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
122	20	B	1.250 - 28 UN	1.305 (33.1)	3.300 (83.8)	0.500 (12.7)	0.625 (15.9)
123	20	B	1.250 - 28 UN	1.305 (33.1)	3.300 (83.8)	0.625 (15.9)	0.750 (19.1)
124	20	B	1.250 - 28 UN	1.305 (33.1)	3.300 (83.8)	0.750 (19.1)	0.875 (22.2)
125	22	A	1.375 - 28 UN	1.430 (36.3)	2.300 (58.4)	0.625 (15.9)	0.750 (19.1)
126	22	A	1.375 - 28 UN	1.430 (36.3)	2.300 (58.4)	0.750 (19.1)	0.875 (22.2)
127	22	A	1.375 - 28 UN	1.430 (36.3)	2.300 (58.4)	0.875 (22.2)	1.000 (25.4)
128	22	B	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.625 (15.9)	0.750 (19.1)
129	22	B	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
130	22	B	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.875 (22.2)	1.000 (25.4)
131	22	A	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.625 (15.9)	0.750 (19.1)
132	22	A	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
133	22	A	1.375 - 28 UN	1.430 (36.3)	2.800 (71.1)	0.875 (22.2)	1.000 (25.4)
134	22	B	1.375 - 28 UN	1.430 (36.3)	3.300 (83.8)	0.625 (15.9)	0.750 (19.1)
135	22	B	1.375 - 28 UN	1.430 (36.3)	3.300 (83.8)	0.750 (19.1)	0.875 (22.2)

Dimensions are in inches (mm).

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# AS81511/14 Type EMI Backshell

RY85049 Series • M85049 Type Backshells

## Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Function	V Thread Class 2B	D Max	Length	CC Cable Clearance	
						Min	Max
136	22	B	1.375 - 28 UN	1.430 (36.3)	3.300 (83.8)	0.875 (22.2)	1.000 (25.4)
137	24	A	1.500 - 28 UN	1.555 (39.5)	2.300 (58.4)	0.750 (19.1)	0.875 (22.2)
138	24	A	1.500 - 28 UN	1.555 (39.5)	2.300 (58.4)	0.875 (22.2)	1.000 (25.4)
139	24	A	1.500 - 28 UN	1.555 (39.5)	2.300 (58.4)	1.000 (25.4)	1.125 (28.6)
140	24	B	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
141	24	B	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	0.875 (22.2)	1.000 (25.4)
142	24	B	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	1.000 (25.4)	1.125 (28.6)
143	24	A	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	0.750 (19.1)	0.875 (22.2)
144	24	A	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	0.875 (22.2)	1.000 (25.4)
145	24	A	1.500 - 28 UN	1.555 (39.5)	2.800 (71.1)	1.000 (25.4)	1.125 (28.6)
146	24	B	1.500 - 28 UN	1.555 (39.5)	3.300 (83.8)	0.750 (19.1)	0.875 (22.2)
147	24	B	1.500 - 28 UN	1.555 (39.5)	3.300 (83.8)	0.875 (22.2)	1.000 (25.4)
148	24	B	1.500 - 28 UN	1.555 (39.5)	3.300 (83.8)	1.000 (25.4)	1.125 (28.6)
149	20	C	1.250 - 28 UN	1.305 (33.1)	1.780 (45.2)	0.500 (12.7)	0.625 (15.9)
150	20	C	1.250 - 28 UN	1.305 (33.1)	1.780 (45.2)	0.625 (15.9)	0.750 (19.1)
151	20	C	1.250 - 28 UN	1.305 (33.1)	1.780 (45.2)	0.750 (19.1)	0.875 (22.2)
152	20	D	1.250 - 28 UN	1.305 (33.1)	2.550 (64.8)	0.500 (12.7)	0.625 (15.9)
153	20	D	1.250 - 28 UN	1.305 (33.1)	2.550 (64.8)	0.625 (15.9)	0.750 (19.1)
154	20	D	1.250 - 28 UN	1.305 (33.1)	2.550 (64.8)	0.750 (19.1)	0.875 (22.2)
155	20	C	1.250 - 28 UN	1.305 (33.1)	2.280 (57.9)	0.500 (12.7)	0.625 (15.9)
156	20	C	1.250 - 28 UN	1.305 (33.1)	2.280 (57.9)	0.625 (15.9)	0.750 (19.1)
157	20	C	1.250 - 28 UN	1.305 (33.1)	2.280 (57.9)	0.750 (19.1)	0.875 (22.2)
158	20	D	1.250 - 28 UN	1.305 (33.1)	3.050 (77.5)	0.500 (12.7)	0.625 (15.9)
159	20	D	1.250 - 28 UN	1.305 (33.1)	3.050 (77.5)	0.625 (15.9)	0.750 (19.1)
160	20	D	1.250 - 28 UN	1.305 (33.1)	3.050 (77.5)	0.750 (19.1)	0.875 (22.2)
161	22	C	1.375 - 28 UN	1.430 (36.3)	1.780 (45.2)	0.625 (15.9)	0.750 (19.1)
162	22	C	1.375 - 28 UN	1.430 (36.3)	1.780 (45.2)	0.750 (19.1)	0.875 (22.2)
163	22	C	1.375 - 28 UN	1.430 (36.3)	1.780 (45.2)	0.875 (22.2)	1.000 (25.4)
164	22	D	1.375 - 28 UN	1.430 (36.3)	2.550 (64.8)	0.625 (15.9)	0.750 (19.1)
165	22	D	1.375 - 28 UN	1.430 (36.3)	2.550 (64.8)	0.750 (19.1)	0.875 (22.2)
171	22	D	1.375 - 28 UN	1.430 (36.3)	3.050 (77.5)	0.750 (19.1)	0.875 (22.2)
172	22	D	1.375 - 28 UN	1.430 (36.3)	3.050 (77.5)	0.875 (22.2)	1.000 (25.4)
173	24	C	1.500 - 28 UN	1.555 (39.5)	1.780 (45.2)	0.750 (19.1)	0.875 (22.2)
174	24	C	1.500 - 28 UN	1.555 (39.5)	1.780 (45.2)	0.875 (22.2)	1.000 (25.4)
175	24	C	1.500 - 28 UN	1.555 (39.5)	1.780 (45.2)	1.000 (25.4)	1.125 (28.6)
176	24	D	1.500 - 28 UN	1.555 (39.5)	2.550 (64.8)	0.750 (19.1)	0.875 (22.2)
177	24	D	1.500 - 28 UN	1.555 (39.5)	2.550 (64.8)	0.875 (22.2)	1.000 (25.4)
178	24	D	1.500 - 28 UN	1.555 (39.5)	2.550 (64.8)	1.000 (25.4)	1.125 (28.6)
179	24	C	1.500 - 28 UN	1.555 (39.5)	2.280 (57.9)	0.750 (19.1)	0.875 (22.2)
180	24	C	1.500 - 28 UN	1.555 (39.5)	2.280 (57.9)	0.875 (22.2)	1.000 (25.4)
181	24	C	1.500 - 28 UN	1.555 (39.5)	2.280 (57.9)	1.000 (25.4)	1.125 (28.6)
182	24	D	1.500 - 28 UN	1.555 (39.5)	3.050 (77.5)	0.750 (19.1)	0.875 (22.2)
183	24	D	1.500 - 28 UN	1.555 (39.5)	3.050 (77.5)	0.875 (22.2)	1.000 (25.4)
184	24	D	1.500 - 28 UN	1.555 (39.5)	3.050 (77.5)	1.000 (25.4)	1.125 (28.6)
166	22	D	1.375 - 28 UN	1.430 (36.3)	2.550 (64.8)	0.875 (22.2)	1.000 (25.4)

Dimensions are in inches (mm).

(Continued on next page)

# AS81511/14 Type EMI Backshell

*RY85049 Series • M85049 Type Backshells*

## Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Function	V Thread Class 2B	D Max	Length	CC Cable Clearance	
						Min	Max
167	22	C	1.375 - 28 UN	1.430 (36.3)	2.280 (57.9)	0.625 (15.9)	0.750 (19.1)
168	22	C	1.375 - 28 UN	1.430 (36.3)	2.280 (57.9)	0.750 (19.1)	0.875 (22.2)
169	22	C	1.375 - 28 UN	1.430 (36.3)	2.280 (57.9)	0.875 (22.2)	1.000 (25.4)
170	22	D	1.375 - 28 UN	1.430 (36.3)	3.050 (77.5)	0.625 (15.9)	0.750 (19.1)

Dimensions are in inches (mm).

