



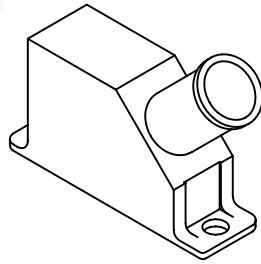
EMI/RFI 45° Backshells

.050"

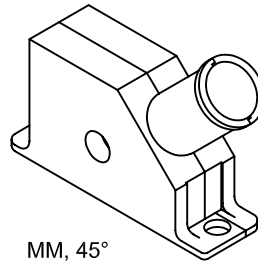
9 thru 100 Contacts

Rugged Metal

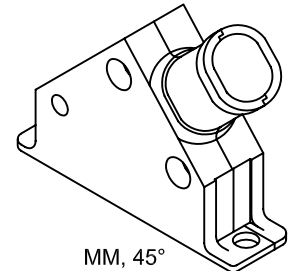
MM



MM, 45°
(ONE PIECE)



MM, 45°
(TWO PIECE)
(POSITIONS 9 & 15)



MM, 45°
(TWO PIECE)
(POSITIONS 21 - 100)

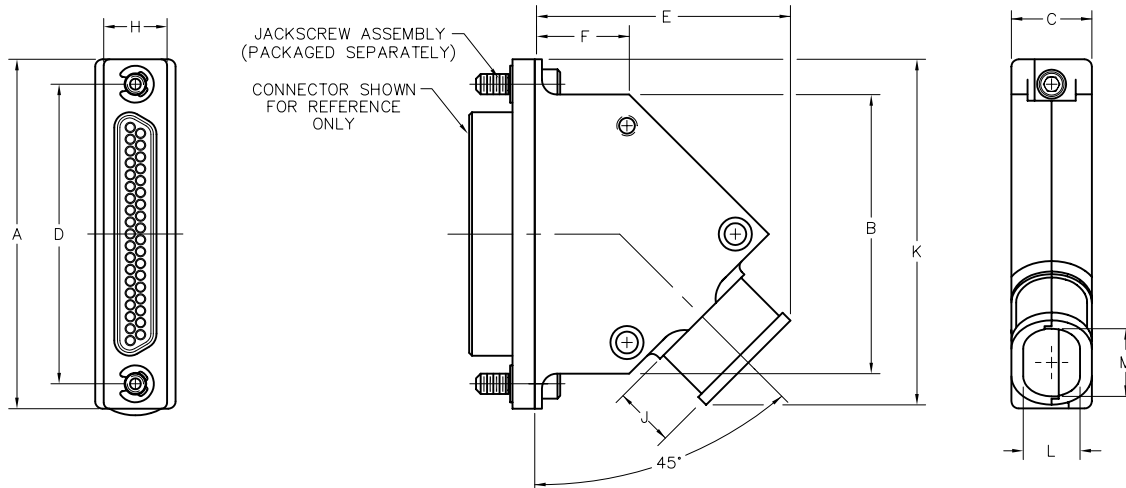
Note: 21 & 25 position, 2 piece backshells use two screw clamping configurations.

MM, 45° (ONE PIECE)

DIMENSIONS													
SIZE	CONTACT ROWS	A	B	C	D	E	F	H	J	K	L	M	HARDWARE
9	2	.775	.440	.340	.565	.696	.500	.298	.229	.804	—	.188	#2-56 UNC THD (.092 DIA THRU)
15		.925	.590		.715	.721	.525			.954	—	.230	
21		1.075	.740		.865	.746	.550			1.103	—	.257	
25		1.175	.840		.965	.796	.600			1.203	.265	.310	
31		1.325	.990		1.115	.846	.650			1.353		.330	
37		1.475	1.140		1.265	.921	.725			1.503		.375	
51	3	1.825	1.490	.380	1.615	1.144	.950	.341	.229	1.853	.297	.510	#4-40 UNC THD (.147 DIA THRU)
51		1.425	1.090		1.215	.946	.750			1.453		.470	
69		1.725	1.390		1.515					1.753		.620	
100	4	2.160	1.522	.430	1.800	1.146	.950	.384		2.036	.344	.688	

MM, 45° (TWO PIECE)

DIMENSIONS													
SIZE	CONTACT ROWS	A	B	C	D	E	F	H	J	K	L	M	HARDWARE
9	2	.775	.480	.340	.565	.855	.650	.298	.229	.806	—	.188	#2-56 UNC THD (.092 DIA THRU)
15		.925	.630		.715	.831	.625			.944	—	.230	
21		1.075	.780		.865	.985	.421			1.059	.240	.268	
25		1.175	.880		.965	1.031	.400			1.159		.333	
31		1.325	1.030		1.115	1.046				1.309		.354	
37		1.475	1.180		1.265	1.081				1.459		.404	
51	3	1.825	1.530	.380	1.615	1.193	.625	.341	.229	1.809	.280	.559	#4-40 UNC THD (.147 DIA THRU)
51		1.425	1.130		1.215	1.233				1.409		.492	
69		1.725	1.430		1.515	1.378	.527			1.703		.642	
100	4	2.160	1.522	.430	1.800	1.403	.532	.384		1.973	.330	.711	



RUGGED: MM-242-031-000-4100
XX-XXX-XXX-XXX-XXXX-XXX

SERIES	
MM .050" Rugged Metal Backshell	
BODY	
2	2-Row (Sizes 9 thru 51)
3	3-Row (Sizes 51 & 69)
4	4-Row (Size 100)
BODY STYLE:	
4	45°, one piece
6	45°, two piece **
BODY MATERIAL:	
2	Aluminum, with electroless nickel plating
3	Aluminum, with electrodeposited cadmium ☒
4	Aluminum, with hard anodized black plating
SIZE	
XXX 009, 015, 021, 025, 031, 037, 051, 069, 100	
CONTACTS	
TYPE CONTACTS/TERMINATIONS:	
000	None
HARDWARE	
STYLE OF HARDWARE:	
00	None
22	Two fixed jacknut assemblies (62*)
41	Two turning jackscrews, allen head, retaining ring (81*)
43	Two turning jackscrews, slot head, retaining ring (83*)
POLARIZATION / WIRING:	
00	None
OPTIONS	
0FZ Required for receptacles with grounding fingers when ordering hardware styles 41, 43, 81, & 83	

* = Use number in parenthesis when ordering size 100.
** = Sizes 9 and 15 not recommended for solder cup applications.

Stainless steel micro band for shield termination - AirBorn part number CDG10026
Band-it application tool - AirBorn part number CDG10027

☒ = Option not RoHS compliant

