

**NOTES:**

1. EACH BACKSHELL ASSEMBLY CONTAINS 2 SHELL HALVES AND HARDWARE ITEM SHOWN.
2. BACKSHELLS ARE SUITABLE FOR "D" SUBMINIATURE TYPE CONNECTORS IN SHELL SIZES 1,2 3 4 & 5.
3. MATERIALS-  
SHELL HALVES- MOLDED COMPOSITE COMPOUND  
FINISH-DOUBLE SIDED ELETROLESS NICKEL PLATING  
INCLUDED HARDWARE- TRILOBULAR SELF-THREADING SCREWS, STAINLESS STEEL
4. ALL MATERIALS **RoHS** COMPLIANT.

**ASSEMBLY INSTRUCTION:**

1. TERMINATE WIRES TO CONNECTOR AND PREPARE CABLE SHEILD AS REQUIRED.
2. HOLD BACKSHELL HALVES TOGETHER MAKING SURE THE SHEILDING ENGAGES THE INTERNAL CABLE ENTRY EMI RIDGES, AND INSTALL BOTH SELF THREADING SCREWS. TAKE CARE TO NOT OVER TORQUE.

**RT-BC0008-###CU STRAIGHT D-SUBMINIATURE COMPACTCOMPOSITE EMI BACKSHELL KIT**

DASH #	Cable Entry(MM) Reference only	Cable O.D. Size (Inch)	Connector Size	Backshell Weight (lbs.)±.010 Ref. Only	A Max. Inches	B ± 0.005 Inches	C ± 0.020 Inches	D ± 0.020 Inches	E ± 0.010 Inches	F ± 0.010 Inches	G Max. Inches
-091CU <sub>1</sub>	9	.15-.36	1	.021 lbs	1.240	.984	.560	1.300	.480	.715	.750
-092CU <sub>2</sub>	9	.15-.36	2	.024 lbs	1.560	1.312	.590	1.300	.730	.807	1.010
-152CU <sub>2</sub>	15	.30-.58	2	.024 lbs	1.560	1.312	.590	1.300	.730	.807	1.010
-123CU <sub>2</sub>	12	.20-.48	3	.032 lbs	2.110	1.852	.590	1.300	1.155	.696	1.485
-163CU <sub>2</sub>	16	.40-.65	3	.032 lbs	2.110	1.852	.590	1.300	1.155	.696	1.485
-164CU <sub>2</sub>	16	.40-.65	4	.041 lbs	2.760	2.500	.590	1.300	1.625	.935	2.165
-165CU <sub>2</sub>	16	.40-.65	5	.048 lbs	2.660	2.406	.680	1.300	1.682	.807	2.125

**TABULATION NOTES:**

Refer To Dimension References A Through G.

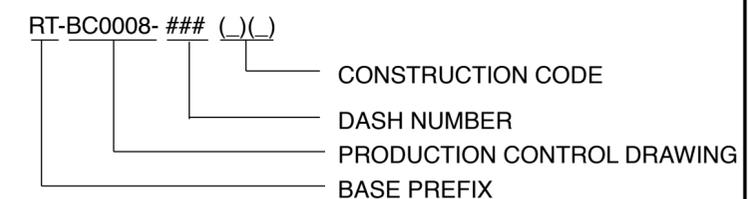
**C** = Denotes part is a compact design.

**U** = Denotes part is of Composite Construction.

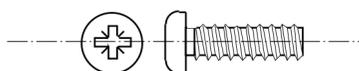
1 Alternate Side Mount Feature shall have thru holes that accommodate MS3367-4 miniature tie strap (hole shall be Ø 0 .115 inches).

2 Side Mount Feature shall have slots as shown that accommodate MS3367-1 tie strap (diameter shall be .225 x .115 inches).

**RUSSTECH PART NUMBER EXPLANATION**



**INCLUDED HARDWARE**



#4-20 X 3/8" PHILLIPS HEAD SCREW, STAINLESS STEEL, WITH 48-2 TRILOBULAR THREADS.

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TOLERANCES (UNLESS NOTED)

DECIMALS:  
XX± .02  
XXX± .005  
ANGLES: ± 2°

CONCENTRICITY SAME AS ABOVE

SCALE: NONE  
BY Don Fieberg  
Released 6/13/2011



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**RT-BC0008-###CU STRAIGHT D-SUBMINIATURE COMPACT COMPOSITE EMI BACKSHELL**

DRAWING NO. REV.

**RC11065-S 9**