

1 MATERIAL:  
 HOUSING, RIGHT ANGLE BRACKET, ADAPTER COMB & SUPPORT PLATE: THERMOPLASTIC, BLACK.  
 EMI SHIELD: BRIGHT NICKEL OVER COPPER PLATED DIE CATING.  
 TERMINALS: HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER .000030 MIN GOLD PLATE  
 OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, .000030 MIN TOTAL ON MATING SURFACE.  
 .000120 MIN TIN-LEAD PLATE ON TAILS. ALL OVER .000050 MIN NICKEL UNDERPLATE  
 OVER ENTIRE TERMINAL.  
 GROUND BRACKET: ZINC PLATED CARBON STEEL.

2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.

3. CENTER-TO-CENTER SPACING OF TERMINALS IS .085.

4 ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED.

5 DETAILS A & B ARE VIEWED FROM MATING SIDE OF RECEPTACLE ASSEMBLY.

6 TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION.

7 TERMINAL 1 LOCATED IN THIS ROW FOR REVERSE ORIENTATION.

8 SCREWS SHOWN FOR REFERENCE ONLY, RECOMMENDED HARDWARE KIT, 554272-1,  
 FOR USE WITH PART NUMBER 553811-3 & -4. HARDWARE KIT IS SHOWN FOR REFERENCE ONLY.

9. EMI SHIELD IS ASSEMBLED TO CONNECTOR BEFORE SHIPMENT.

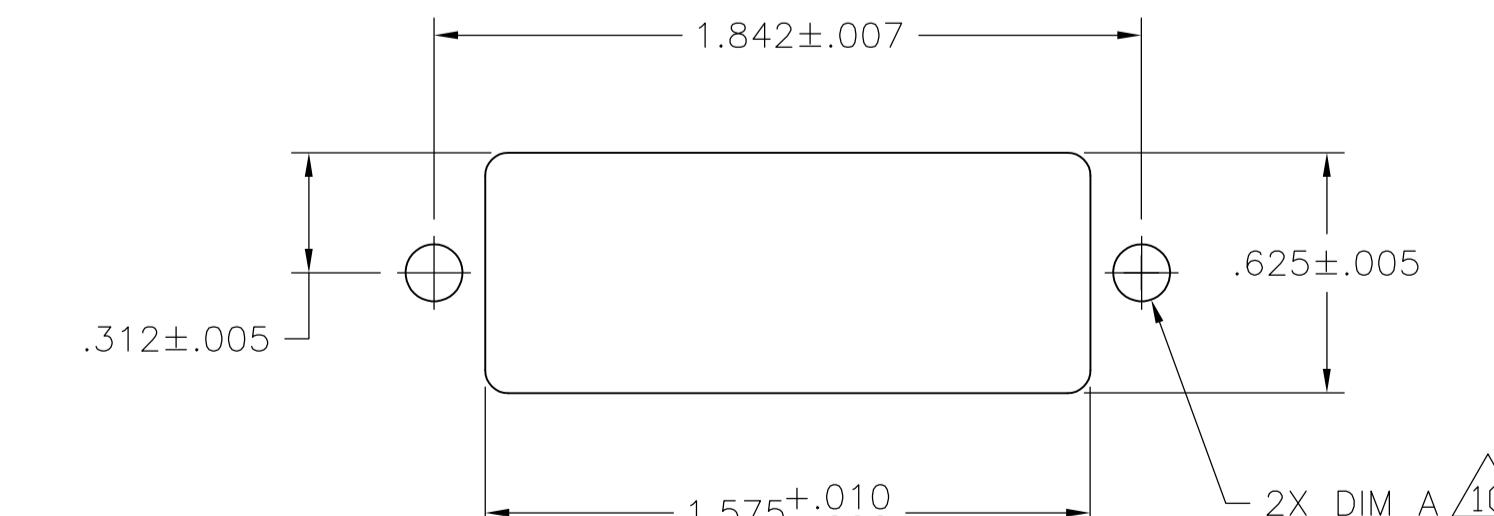
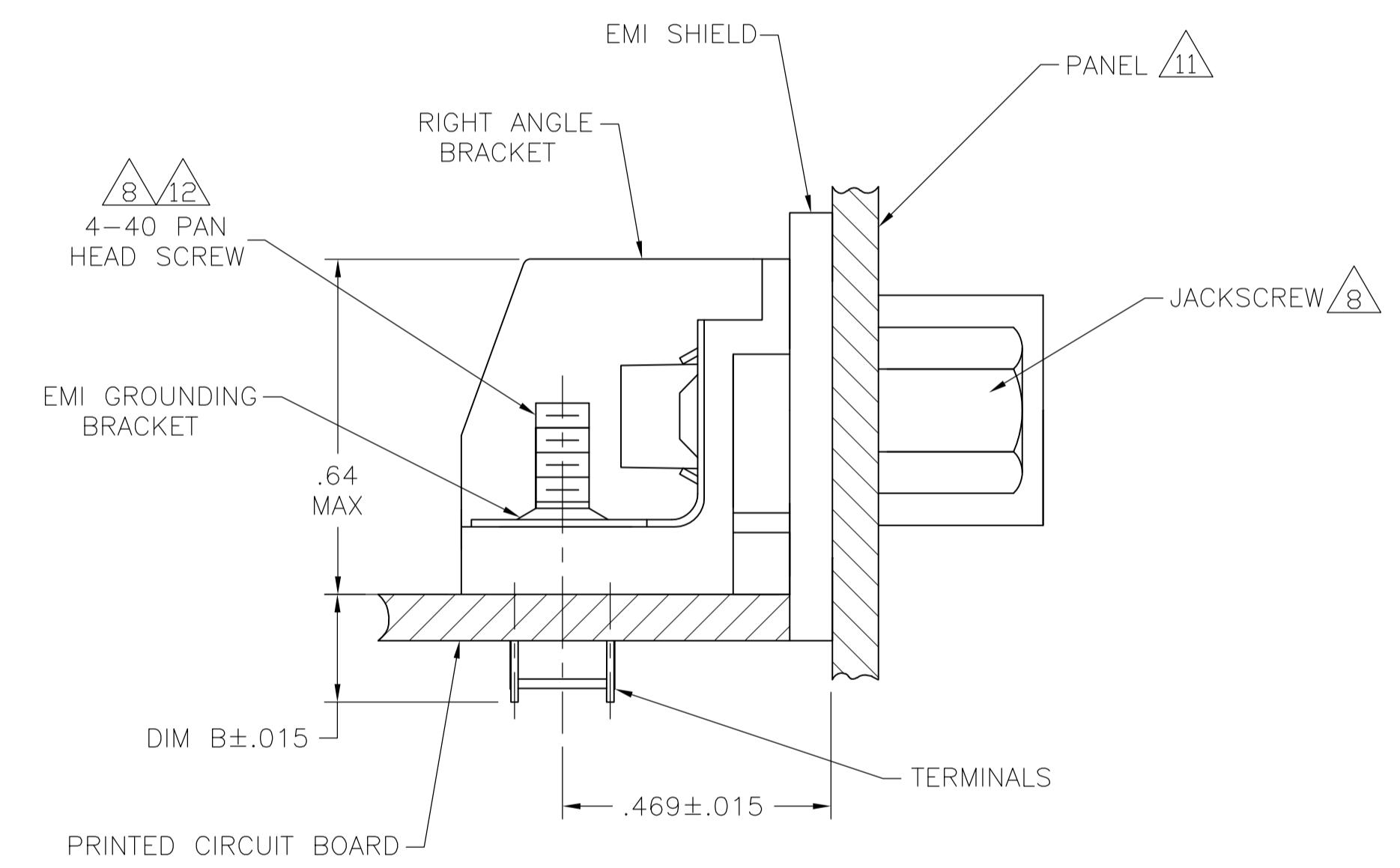
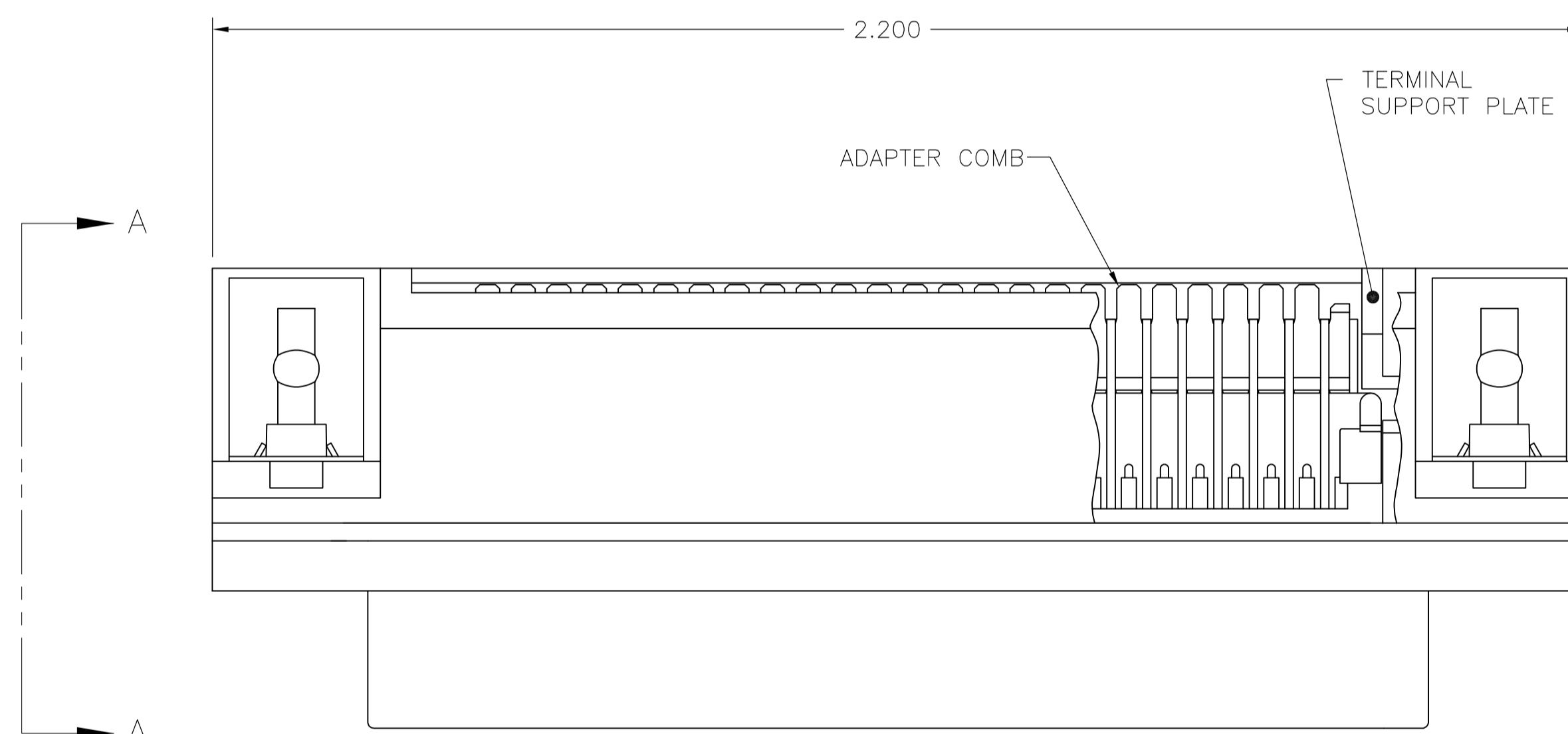
10 FOR IEEE APPLICATION DIM A SHALL BE .192 $^{+.003}_{-.001}$ .

11 PANEL THICKNESS RANGE: .062 MAX.

12 STAINLESS STEEL SCREWS RECOMMENDED BECAUSE OF CONTACT WITH SOLDER BATH.

13 HOLES TO BE TAPPED AFTER PLATING.

14 OBSOLETE.



SUGGESTED REAR PANEL MOUNTING  
 CUTOUT DIMENSIONS

OBSOLETE	STANDARD	.157	.126 $^{+.003}_{-.003}$	4-40 UNC-2B	REVERSE	B	553811-4
SUPERSEDED BY 5553811-3	STANDARD	.157	.126 $^{+.003}_{-.003}$	4-40 UNC-2B	STANDARD	A	553811-3
SUPERSEDED BY 5553811-2	IEEE-488	.157	.152 $^{+.003}_{-.003}$	6-32 UNC-2B	REVERSE	B	553811-2
	IEEE-488	.157	.152 $^{+.003}_{-.003}$	6-32 UNC-2B	STANDARD	A	553811-1
APPLICATION BIM B DIM A SHIELD HOLE SIZE ORIENTATION DETAIL PART NUMBER							
THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: INCHES TOLERANCES UNLESS OTHERWISE SPECIFIED: APVD: 0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - 5 PLC ± - 6 PLC ± - PRODUCT SPEC: APPLICATION SPEC MATERIAL: FINISH: 1							
DWN Z REAM 15/FEB/07 W. MILLIMES 15/FEB/07 NAME: ASSEMBLY, EMI RECEPTACLE, 24 POSITION, SCREW LOCK, W/ GROUNDING BRACKET, RIGHT ANGLE, CHAMP							
CAGE CODE DRAWING NO: A1 00779 C 553811 RESTRICTED TO: CUSTOMER DRAWING REV: S1							