



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES ON: DECIMALS: ANGLES:		CONTRACT NO. S. O'Dell 1-6-87	
MATERIAL: $\Delta$		CHK: JOR 1-12-87	
FINISH: $\Delta$		APPRO: [Signature] 1-13-87	
OTHER APPRO:		OSGM APPRO:	
NAME: RECEPTACLE ASSEMBLY, SHIELDED, 36 POSITION, RIGHT ANGLE, W/ BOARD LOCK & BAIL LOCK, FLUSH MOUNTING CHAMP		AMP INCORPORATED Harrisburg, Pa. 17105	
SIZE: D		DRAWING NO. 555119	
SCALE: 4:1		PART NO. 555119-1	

1. MATERIAL: SUPPORT PLATE, BRACKET, HOUSING AND ADAPTER COMB - POLYESTER, BLACK. BAIL CLIPS - PASSIVATED STAINLESS STEEL. RECEPTACLE SHIELD - BRIGHT NICKEL OVER COPPER PLATED ZINC. TERMINALS - STAINLESS-TIN LEAD OVER NICKEL PLATED HIGH STRENGTH COPPER ALLOY. MATTING SURFACE - LOCALIZED GOLD OVER NICKEL PLATED HIGH STRENGTH COPPER ALLOY. GROUND BRACKET - TIN LEAD PLATED CARBON STEEL.
2. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
3. CENTER-TO-CENTER SPACING OF TERMINALS IS .085 NOMINAL.
4. ALL DIMENSIONS SHOWN ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
5. TERMINAL 1 LOCATED IN THIS ROW FOR STANDARD ORIENTATION.
6. GROUNDING BRACKET RETAINS CONNECTOR IN .062 THICK PC BOARD WITHOUT ADDITIONAL HARDWARE.
7. GROUNDING BRACKET LOCATES CONNECTOR FLUSH WITH TOP OF PC BOARD AND SPRING LOCKS BENEATH.
8. CYLINDRICAL SHAPE OFFERS 180° OF SOLDERING SURFACE.
9. SURFACE AREA OF GROUNDING BRACKET BELOW PC BOARD SHALL PASS SOLDERABILITY REQUIREMENTS IN ACCORDANCE WITH AMP SPECIFICATION 109-11-2. DISCOLORATION, SCRATCHES, SPOTS AND OTHER COSMETIC DEFICIENCIES TYPICAL OF BARE PLATING PROCESSES ARE ACCEPTABLE PROVIDED PARTS PASS 24 HOUR EXPOSURE AT 95% RH AT 40° C WITHOUT EVIDENCE OF CORROSION.

$\Delta$  IF TERMINALS DO NOT EXTEND BELOW COMB THEN COMB SHALL BE PARTIALLY RETRACTED BEFORE INSERTING CONNECTOR INTO PC BOARD.