



LOC	DIST	REV	ZONE	LTR	DESCRIPTION	DATE	APPD
AA	20	REV 8			REDMN: EC0140-8874-92	10-11-92	DE 97

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

2. MATERIAL: HOUSING AND COVER- POLYPHENYLENE OXIDE, BLACK TERMINALS- .000030 [0.76µm] MINIMUM THICK GOLD IN LOCALIZED AREA OVER .000050 [1.27µm] MINIMUM THICK NICKEL PLATED HIGH STRENGTH COPPER ALLOY.
 EMI SHIELD- NICKEL PLATED DIE CASTING.
 BAIL CLIPS- PASSIVATED STAINLESS STEEL.
 STUD RECEIVER- ZINC PLATED SPRING STEEL FOR 554347-2 ONLY.

3. COVER SHOWN PREASSEMBLED.
4. WIRE RANGE: 26 AWG SOLID THRU 30 AWG SOLID AND 28 AWG STRANDED RIBBON CABLE FLAT CABLE SHALL BE FURNISHED BY CUSTOMER.

6. MATING FACE CONSISTS OF TWO ROWS OF TERMINALS ON .085 [2.16] CENTERS. TERMINATING SIDE CONSISTS OF TERMINALS ON .100 [2.54] CENTERS FOR AN EFFECTIVE .050 [1.27] TERMINATION.

7. PANEL THICKNESS RANGE: .062 [1.57] MAX.
8. HOLES ARE TAPPED AFTER PLATING.
9. BOSS FEATURE APPLIES TO -2 ONLY.
10. ALL DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS.

WITHOUT	WITH	SHIELD BOSS	SHIELD HOLE SIZE	PART NO
M3 X 0.5	4-40 UNC-2B			554347-5
				554347-2

DR 12-11-92	D.ESTABROOK/UTA	NAME	RECEPTACLE ASSEMBLY, SHIELDED, 50 POSITION, LOW PROFILE, SHIELDED, BAIL LOCK, CHAMP LATCH
CHK 12-21-92	B.FOX	AMP	AMP Incorporated Harrisburg, PA 17105-3608
APPD 12-21-92	J.TAMMEL	SIZE	00779
APPD 12-21-92	P.CRAVEN	DRAWING NO	554347
PRODUCT SPEC	108-6076	SHEET	1 OF 1
APPLICATION SPEC	114-6030		
FINISH			

CAD DRAWINGS
 THIS DRAWING WAS CREATED ON A COMPUTER AIDED DESIGN (CAD) SYSTEM. DATA BASE ALL CHANGES/ REVISIONS MUST BE MADE ON THE CAD SYSTEM.

CAD CUSTOMER DRAWING