



FIGURE 1

### 1. INTRODUCTION

This instruction sheet (IS) covers the recommended procedures for replacing contacts used in AMP RM series ARINC posted connectors. Read these instructions thoroughly before removing any contacts.

### 2. DESCRIPTION

These receptacle connector halves are supplied with contacts preloaded in a 67-position insert. The arrangement consists of sixty-four size 20 pin contacts with .025-in. square posts, and three size 16 solder pot pin contacts. The wrap-type posted contacts will accept up to three terminations per post. The solder pot contacts feature gold plating for optimum solderability.

These receptacle halves will mate with any RM and RME series plug half having an identical contact arrangement. Refer to AMP Instruction Sheet IS 7482 for connector mating half, keying insert arrangements, and panel cutout dimensions.

### 3. CONTACT REPLACEMENT (See Figure 1)

To remove a deformed or damaged contact, proceed as follows:

1. Disconnect wire(s) from contact to be replaced.
2. Remove retaining screws and lock washers. Slide retaining plate back over wires.
3. Pull insert assembly from connector shell.
4. Separate REAR insert from FRONT insert.
5. Remove and replace damaged contact.
6. Align contacts in REAR insert with appropriate contact cavities in FRONT insert, and re-assemble inserts.
7. Install insert assembly in REAR of connector shell.
8. Place retaining plate in position, and secure it with 4 screws and lock washers.
9. Connect wire(s) to replacement contact.