

# Quick Mount Relay Sockets

## JRE 4 Pole / 5 Amp / Size 20

### Operating Range

**Temperature:**

-65°C to 125°C

**Insulation Resistance:**

1000 Megaohms Min.

**Dielectric Withstanding Voltage:**

1000 VRMS at Sea Level

500 VRMS at 80,000 ft.

**Vibration:**

MIL-STD-202, Method 204

Test Condition G

**Shock:**

MIL-STD-213, Method 213

Test Condition C

### Materials

**Socket Body:**

Polythermide per ASTM-D5205

**Grommet:**

Silicone Rubber per A-A-59588

**Contact Retainers:**

Stainless Steel

**Internal Socket Contacts:**

Copper Alloy, Hard Gold Finish  
per SAE-AMS-2422

## Quick Mount Relay Sockets

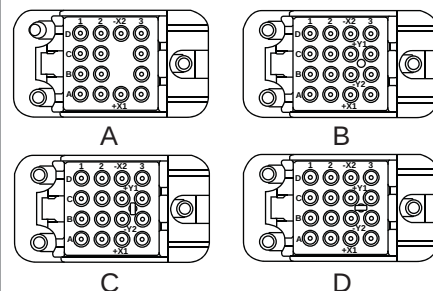


Replaces MIL-PRF-12883/44  
Mates with M83536 Relays

## Extended Height Relay Sockets

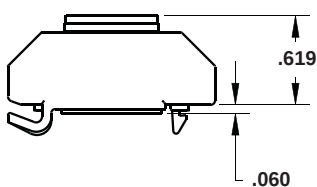
| APCD P/N  | QTY | Size  | Contact  | Mating Relay                 | Configuration |
|-----------|-----|-------|----------|------------------------------|---------------|
| JRE400100 | 10  | 20/20 | /101-533 | M83536/5, M83536/6, M83536/7 | A             |
| JRE400200 | 12  | 20/20 | /101-533 | M83536/5, M83536/6, M83536/7 | B             |
| JRE400300 | 12  | 20/20 | /101-533 | M83536/5, M83536/6, M83536/7 | C             |
| JRE400400 | 12  | 20/20 | /101-533 | M83536/5, M83536/6, M83536/7 | D             |

## Socket Configurations

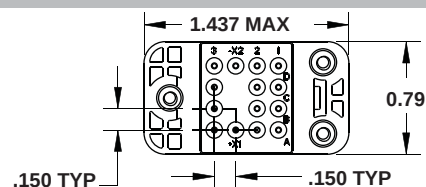


## Relay Socket Dimensions

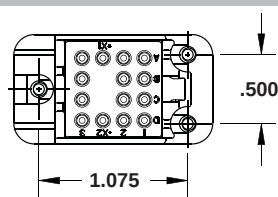
### Side View



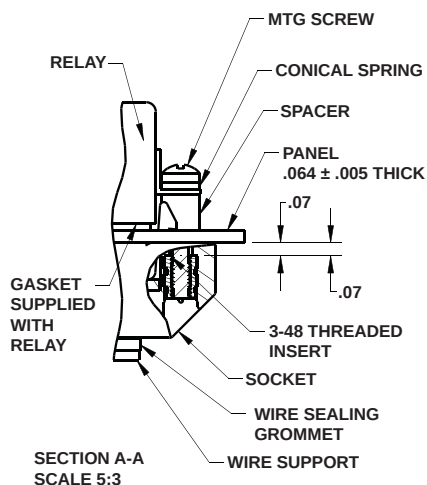
### Top View



### Bottom View



## Mounting Hardware



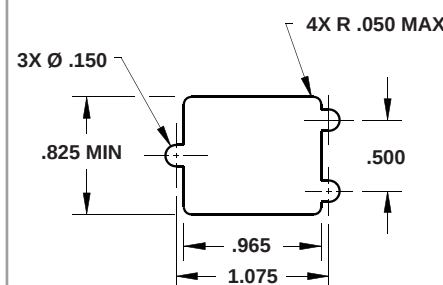
## Part Number Instructions

| APCD P/N  | Hardware | Contacts |
|-----------|----------|----------|
| JRE400100 | NONE     | NONE     |
| JRE400101 | NONE     | YES      |
| JRE400110 | YES      | NONE     |
| JRE400111 | YES      | YES      |

## Relay Socket Weight

| Relay Socket | Pounds | Grams |
|--------------|--------|-------|
| Low Profile  | .068   | 31    |

## Required Mounting Panel Cutout



# Amphenol Pcd