

# Board Mount MIL-PRF-12883

## RSN 2,4 Pole/10 Amp, 3 Pole/25 Amp

### Relay Sockets



Mates with MIL-R-6106 & MS27743 Relays

#### Operating Range

**Temperature:**

-65°C to 125°C

**Insulation Resistance:**

1000 Megohms Min.

**Dielectric Withstanding Voltage:**

1500 VRMS at Sea Level

500 VRMS at 80,000 ft.

**Vibration:**

MIL-STD-202, Method 204

Test Condition G

**Shock:**

MIL-STD-202, Method 213

Test Condition C

#### Materials

**Module Body:**

Polyetherimide per ASTM-D5205

**Hardware:**

Stainless Steel or Steel w/

Cadmium Chromate Finish

**Contact Retainers:**

Stainless Steel

**Socket Contacts:**

Copper Alloy, Hard Gold Plated in

Accordance with SAE-AMS 2422

### Product Description

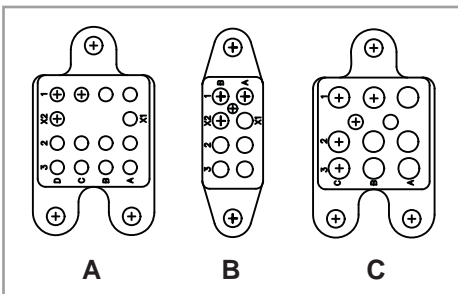
Product Line of pluggable, PC board mount relay sockets allows separable mounting of relays direct to boards in airborne or ground applications. Polyetherimide body and scalloped mounting flange reduce weight and improve strength. Mounting hardware supplied with connector secures firmly to board and eliminates stress on solder contacts. Gold-plated contacts and solder-dipped contact tails are available. Meets all applicable specifications.

### Board Mount Relay Sockets

APCD P/N	QTY	Size <sup>1</sup>	Contact P/N	Config.	Mating Relay
RSN116140	14	16/16	/92-533	A	MIL-R-6106, MS27400
RSN116130	8	16/16	/92-533	B	MIL-R-6106, MS27401
RSN112010	9	12/12	/92-535	C	MIL-R-6106, MS27743
	2	16/16	/92-533		

Mounting instructions can be found on page 26

### Socket Configurations



### Relay Socket Weight

Relay Socket	Pounds	Grams
RSN116140	.055	25
RSN116130	.033	15
RSN112010	.057	26

### Relay Socket Dimensions

