

MIL-PRF-12883/52, MIL-PRF-12883/53

RSE Track Mount 2, 3, & 4 Pole & Mounting Track

Relay Sockets



Mates with MS83726, M83536 & M6106 Relays

Operating Range

Temperature:

-65°C to 125°C

Insulation Resistance:

1000 Megaohms Min.

Dielectric Withstanding Voltage:

1500 VRMS at Sea Level

700 VRMS at 80,000 ft.

Vibration:

MIL-STD-202, Method 204

Test Condition G

Shock:

MIL-STD-202, Method 213

Test Condition C

Materials

Socket Body:

Polyetherimide per ASTM-D5205

Grommet:

Silicone Rubber per A-A-59588

Contact Retainers:

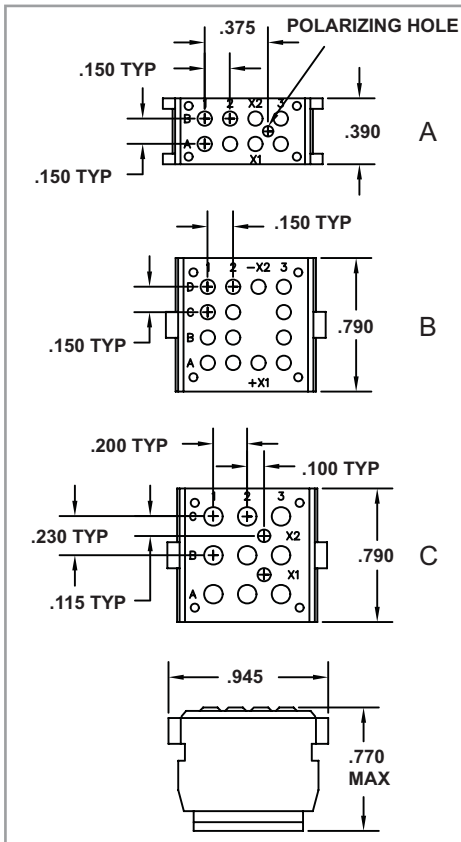
Beryllium Copper

Socket Contacts:

Copper Alloy, Hard Gold Plated in

Accordance with MIL-G-45204

Socket Dimensions



Relay Socket Weight

Relay Socket	Pounds	Grams
RSE116175	.016	7
RSE116185	.031	14
RSE116195	.031	14

Low Profile Relay Sockets

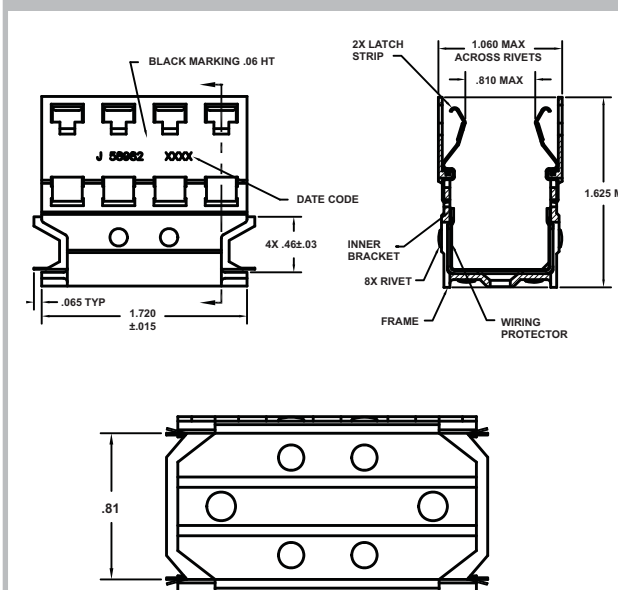
MIL P/N M12883*	APCD P/N*	QTY	Size ¹	Contact P/N	Config.	Mating Relay
/52-001	RSE116175	8	20/20	/101-553	A	M83536/2-028, M83726/27, /25
/52-002	RSE116185	14	20/20	/101-533	B	M8536/6-025
/52-003	RSE116195	9	16/16	/101-554	C	M83536/22-025
		2	20/20	/101-553		

*These Relay Sockets are used in the track mount system with track M12883/53-001, Amphenol Pcd P/N RST145005

¹Mating End / Wire Barrel

M12883/53-001 Mounting Track Dimensions

Track Dimensions



Track Materials

Outer Track:

Aluminum Alloy per QQ-A-225.

Chemical Coating per

MIL-C-5541, Class 3

Inner Brackets and Rivets:

Stainless Steel per QQ-S-766, Passivated

Latch:

Beryllium copper #172 per QQ-C-533

Bright Finish

Wiring Protector:

Aramid Paper per MIL-I-24202

Track Operating Range:

-65°C to 125°C

Track Weight

Part Number	Pounds	Grams
RST145005	.053	24



Use tool M6106/32-001 to remove M1288/52 sockets.
Use tool M6106/31-001 to remove relays from this mounting bracket.