

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

Hardware: Stainless Steel or Steel w/Cadmium Chromate Finish

Contact Retainers: Stainless Steel

Socket Contacts: Stainless Steel, Hard Gold Plated in Accordance with SAE-AMS-2422

Dimensions

M12883/53-001 Mounting Track Dimensions

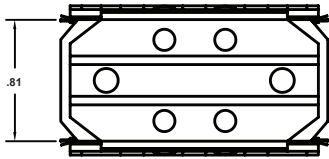
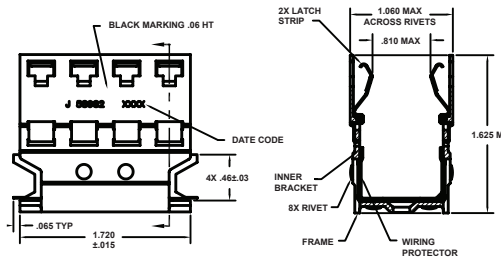
Outer Track: Aluminum Alloy per QQ-A-225 Chemical Coating per MIL-C-5541, Class 3

Inner Brackets and Rivets: Stainless Steel per QQ-S-766, Passivated

Latch: Beryllium copper #172 per QQ-C-533 Bright Finish

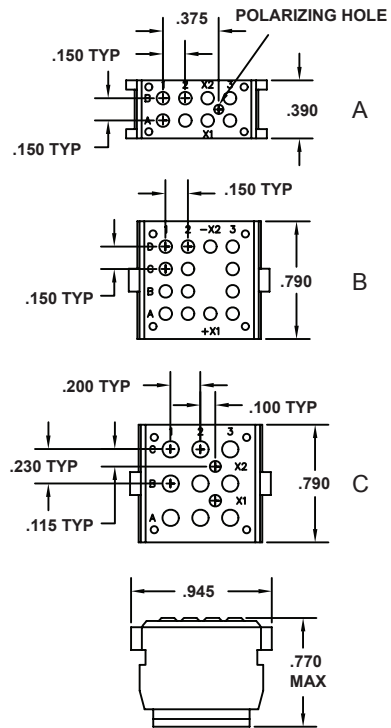
Wiring Protector: Aramid Paper per MIL-I-24202

Track Operating Range: -65°C to 125°C



Track Dimensions

Track Weight	
Pounds	Grams
.053	24



Socket Dimensions

LOW PROFILE RELAY SOCKETS								
MIL P/N M12883	APCD P/N	QTY	Size ¹	Contact P/N	Config.	Mating Relay	Weight	
							Pounds	Grams
/52-001	RSE116175	8	20/20	/101-553	A	M83536/2-028, M83726/27, /25	.016	7
/52-002	RSE116185	14	20/20	/101-533	B	M83536/6-025	.031	14
/52-003	RSE116195	9	16/16	/101-554	C	M83536/22-025		
		2	20/20	/101-553				

1. Mating End/Wire Barrel