

MIL-PRF-12883/48

RSE/RSL 3 Pole/25 Amp

Operating Range

Temperature:
-65°C to 125°C

Insulation Resistance:
1000 Megaohms 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

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:
Copper Alloy, Hard Gold Plated in
Accordance with SAE-AMS 2422



Mates with MS27743 Relays

Low Profile Relay Sockets

MIL P/N M12883	APCD P/N	Mounting Stud	QTY	Size ¹	Contact P/N	Config.	Mating Relay
/48-01	RSE112061	Loose	2	16/16	/92-533	A	MS27743-06, -12, -18, -24
			9	12/12	/92-535		
/48-02	RSE112063	Fixed	2	16/16	/92-533	A	MS27743-06, -12, -18, -24
			9	12/12	/92-535		
/48-05	RSE112065	Loose	2	16/16	/92-533	B	MS27743-09, -15, -21, -27
			9	12/12	/92-535		
/48-06	RSE112067	Fixed	2	16/16	/92-533	B	MS27743-09, -15, -21, -27
			9	12/12	/92-535		

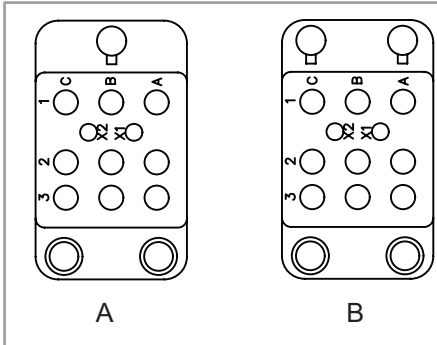
Extended Height Relay Sockets

MIL P/N M12883	APCD P/N	Mounting Stud	QTY	Size ¹	Contact P/N	Config.	Mating Relay
/48-03	RSL112105	Loose	2	16/16	/5-116	A	MS27743-06, -12, -18, -24
			9	12/12	/5-118		
/48-04	RSL112101	Fixed	2	16/16	/5-116	A	MS27743-06, -12, -18, -24
			9	12/12	/5-118		
/48-07	RSL112107	Loose	2	16/16	/5-116	B	MS27743-09, -15, -21, -27
			9	12/12	/5-118		
/48-08	RSL112103	Fixed	2	16/16	/5-116	B	MS27743-09, -15, -21, -27
			9	12/12	/5-118		

¹ Mating End / Wire Barrel

Mounting instructions can be found on page 25

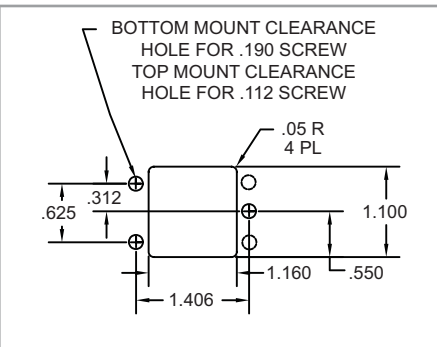
Socket Configurations



Relay Socket Weight

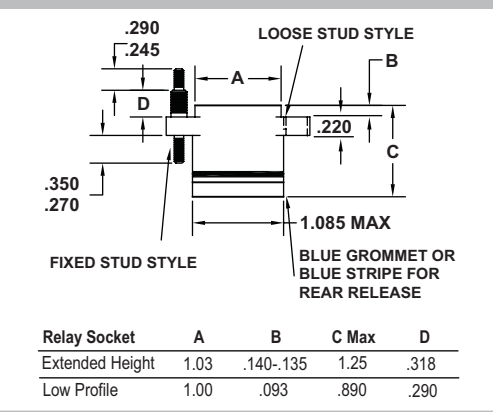
Relay Socket	Pounds	Grams
Extended Height	.129	55
Low Profile	.109	49

Recommended Mounting Panel Cutout

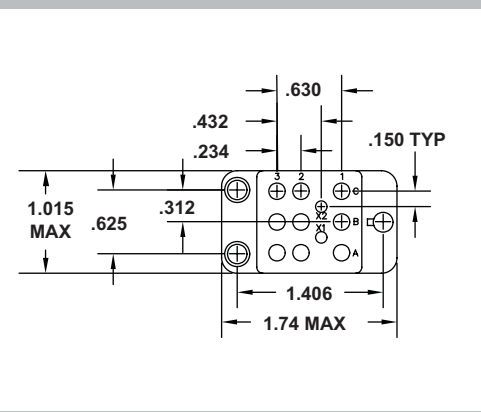


Relay Socket Dimensions

Side View



Top View



Amphenol Pcd