

The SLDE Snap Lock series sockets are compatible with DRI “E” series 2 and 4 pole 5 Amp relays, 2, 3, and 4 pole 10 / 15 Amp relays, and 3 pole 25 Amp relays conforming to MIL-PRF-83536. We have engineered these sockets to allow for easy one sided access with no loose parts, saving on installation and replacement time, and significantly reducing if not eliminating the chance for FOD to develop. These sockets are for use with captive screw type relays, or for use with the available adapter kit.

**Mechanical Data**

	<b>SLDE205</b>	<b>SLDE405</b>	<b>SLDE210</b>	<b>SLDE410</b>	<b>SLDE325</b>
Weight (Without Contacts)	9 grams max (0.020 lbs. max)	11 grams max (0.024 lbs. max)	14 grams max (0.031 lbs. max)	27 grams max (0.059 lbs. max)	24 grams max (0.053 lbs. max)
Material:					
Insulator:	Polyetherimide				
Grommet:	Silicone Rubber				
Contacts:	MIL-C-39029 Copper Alloy, Gold Plated				
Contact Retainers:	Integral Dielectric Entrapment				
Inertions and Removal Tool:	M18969/14-03				
Crimping Tool:	M22520/1-01				
Mounting Hardware:	Corrosion Resistant Finished Steel				
Installation Torque:	4 in-lbs. max for #4-40 UNC				
Adapter Kit (Optional):	Includes spacers, screws, and washers				

**Electrical Data**

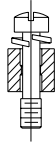
	5 Amps	5 Amps	10 / 15 Amps	10 / 15 Amps	25 Amps
Current Rating:					
Insulation Resistance @ 25 C and 65% RH	1000 M ohms min.				
Dielectric Withstanding Voltage:					
@ Sea Level:	1500 Vrms				
@ 80,000 ft.:	500 Vrms				

**Environmental Data**

Operating Temperature Range:	-70 C to +125 C
Vibration:	MIL-STD-202, Method 204, Condition G
Shock:	MIL-STD-202, Method 213, Condition C
Fluid Immersion:	20 Hours Immersed in Aircraft Lubricating Oil, MIL-L-7808, and Hydraulic Fluid, MIL-H-5606

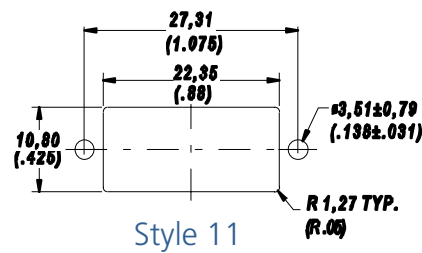
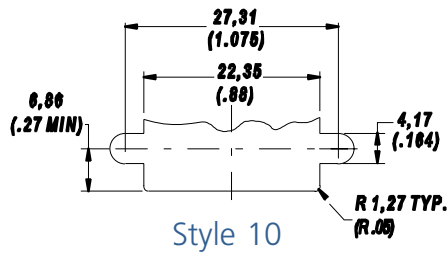
UNLESS OTHERWISE SPECIFIED,  
TOLERANCE IS +/- 0.13mm (0.005") FOR  
THREE PLACE DECIMALS, AND +/- 0.25mm  
(0.01") FOR TWO PLACE DECIMALS

Adapter Kit

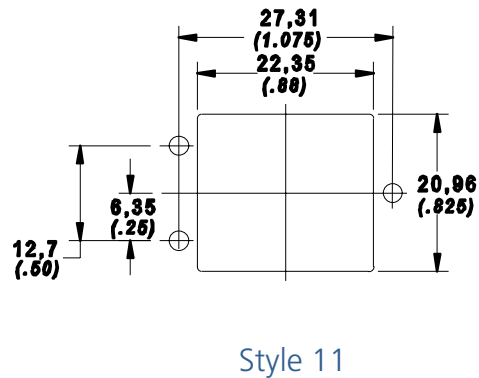
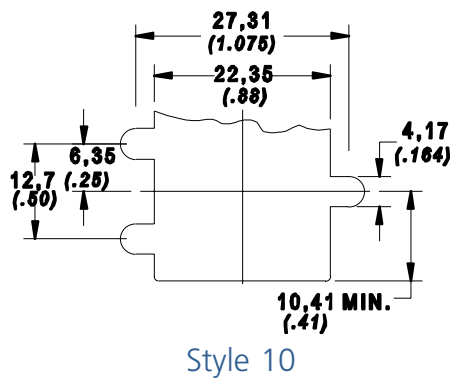


The adapter kit will allow a relay with Raised Vertical Flange Mount brackets to mount to the Snap Lock socket without further modification. The kit comes with the correct number of screws, lockwashers, and spacers to mount the relay.

Panel Mounting Styles

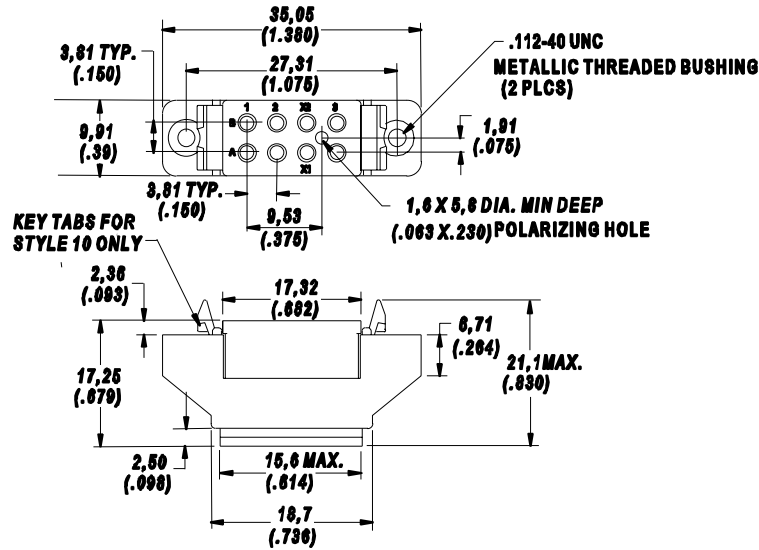


For SLDE205 and SLDE210, Style 10 requires notches for the mounting holes, while Style 11 makes use of only the mounting holes. Panel thickness should not exceed 1.63 mm (0.064")

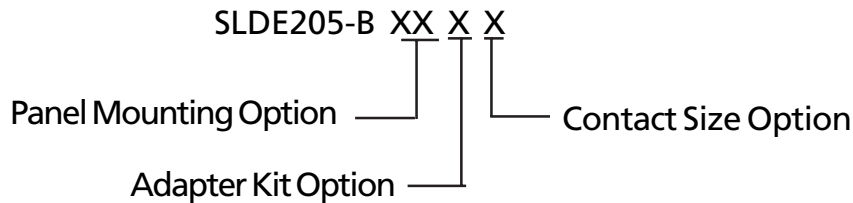


For SLDE405 and SLDE410, and SLDE325, Style 10 requires notches for the mounting holes, while Style 11 makes use of only the mounting holes. Panel thickness should not exceed 1.63 mm (0.064")

UNLESS OTHERWISE SPECIFIED,  
TOLERANCE IS +/- 0.13mm (0.005") FOR  
THREE PLACE DECIMALS, AND +/- 0.25mm  
(0.01") FOR TWO PLACE DECIMALS



For use with E205 and ES205 Relays with  
Mounting Code 2 (Adapter Kit required) or G and Pin Code M



**Panel Mounting Option**

- 10:** See Page 30
- 11:** See Page 30

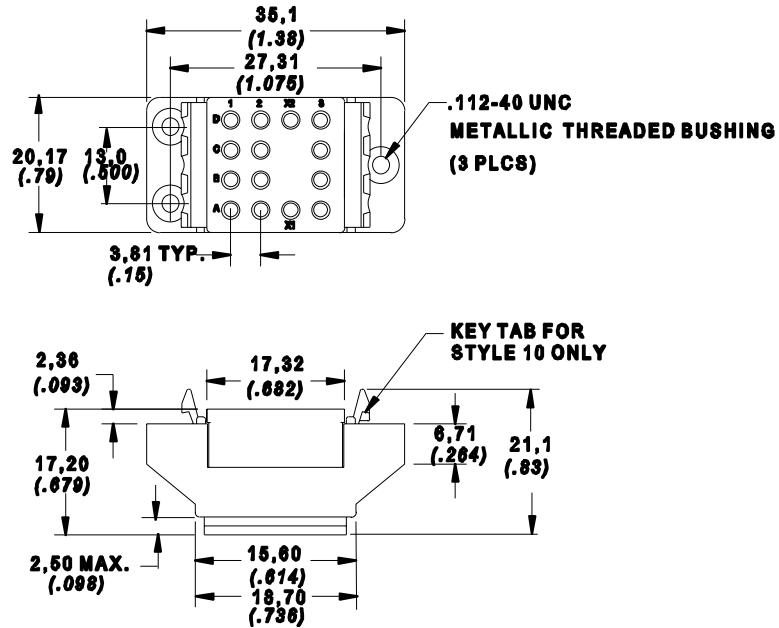
**Contact Size Option**

- 0:** Supplied without Contacts
- 1:** Supplied with Contacts for 20 AWG wire

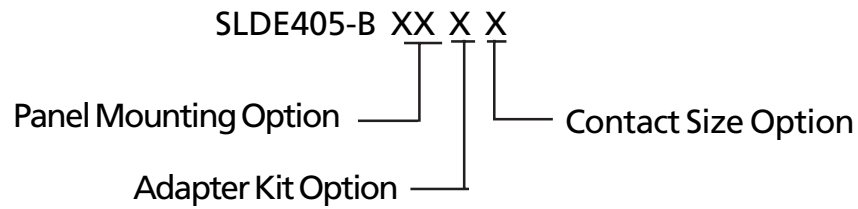
**Adapter Kit Option**

- A:** Kit Not Included
- B:** Kit Included

UNLESS OTHERWISE SPECIFIED,  
TOLERANCE IS +/- 0.13mm (0.005") FOR  
THREE PLACE DECIMALS, AND +/- 0.25mm  
(0.01") FOR TWO PLACE DECIMALS



For use with E405 and ES405 Relays with  
Mounting Code 2 (Adapter Kit required) or G and Pin Code M



**Panel Mounting Option**

- 10:** See Page 30
- 11:** See Page 30

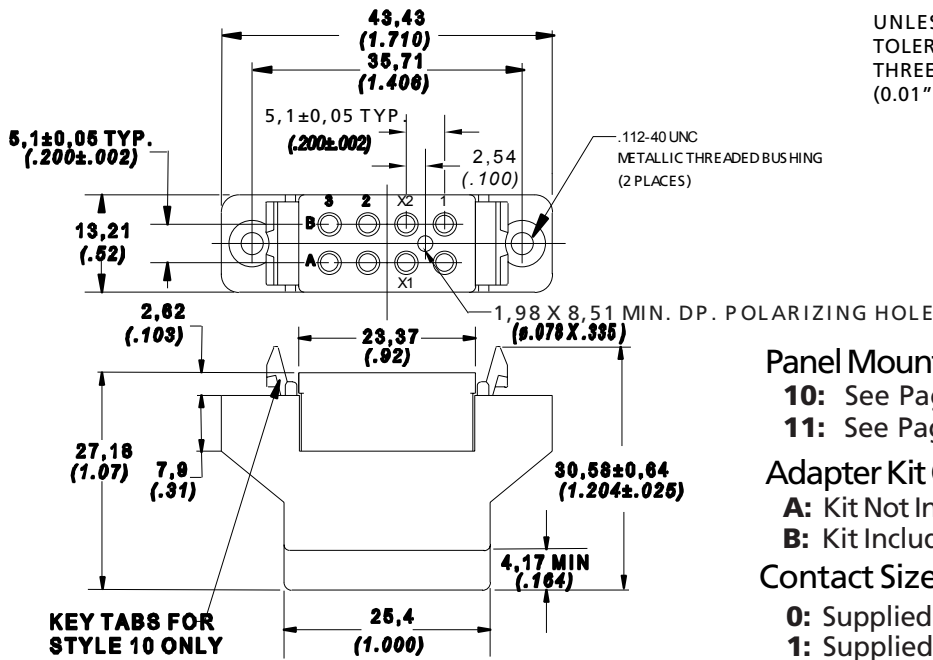
**Contact Size Option**

- 0:** Supplied without Contacts
- 1:** Supplied with Contacts for 20 AWG wire

**Adapter Kit Option**

- A:** Kit Not Included
- B:** Kit Included

# SLDE Series SLDE210



UNLESS OTHERWISE SPECIFIED, TOLERANCE IS +/- 0.13mm (0.005") FOR THREE PLACE DECIMALS, AND +/- 0.25mm (0.01") FOR TWO PLACE DECIMALS

### Panel Mounting Option

- 10:** See Page 30
- 11:** See Page 30

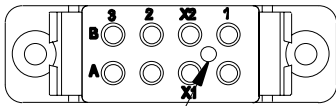
### Adapter Kit Option

- A:** Kit Not Included
- B:** Kit Included

### Contact Size Option

- 0:** Supplied without Contacts
- 1:** Supplied with Contacts for 16 AWG wire
- 2:** Supplied with Contacts for 20 AWG wire

For use with E210, ES210, E215, ES215, ED1, EDS1, and EDA1 Relays with Mounting Code 2 (Adapter Kit required) or G and Pin Code M or C



**1,98 X 8,51 (Ø.078 X .335) MIN. DP. POLARIZING HOLE**

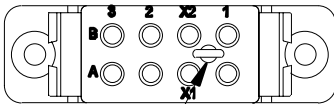
SLDE210-B XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option

For use with EA210 and EA215 Relays with Mounting Code 2 (Adapter Kit required) or G and Pin Code G



**HORIZONTAL POLARIZING HOLE (AC)**

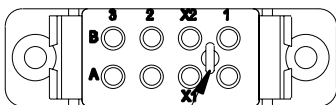
SLDE210-C XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option

For use with EA210 and EA215 Relays with Mounting Code 2 (Adapter Kit required) or G and Pin Code F



**VERTICAL POLARIZING HOLE (AC)**

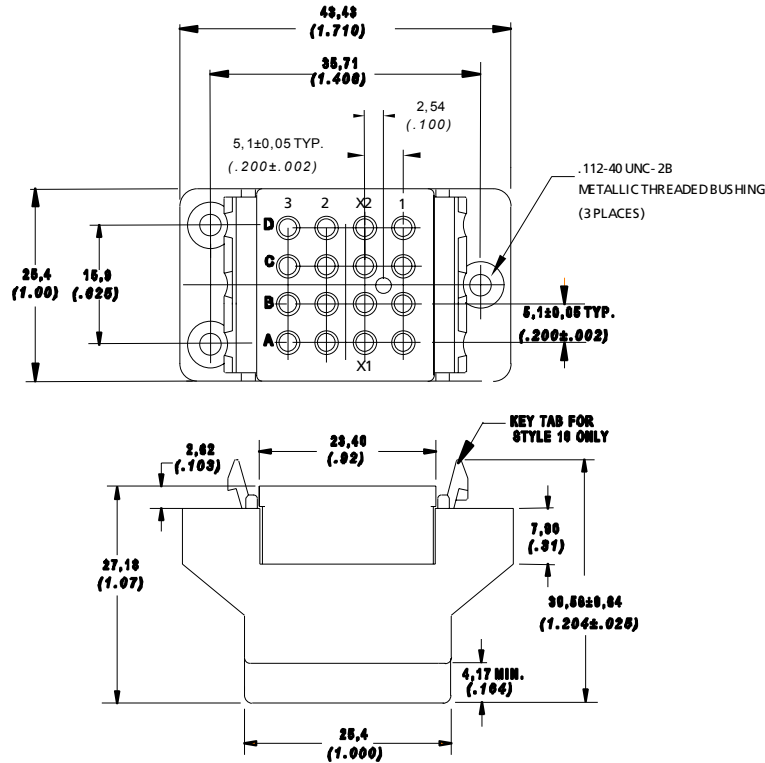
SLDE210-D XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option

UNLESS OTHERWISE SPECIFIED,  
TOLERANCE IS +/- 0.13mm (0.005") FOR  
THREE PLACE DECIMALS, AND +/- 0.25mm  
(0.01") FOR TWO PLACE DECIMALS



**Panel Mounting Option**

**10:** See Page 30

**11:** See Page 30

**Adapter Kit Option**

**A:** Kit Not Included

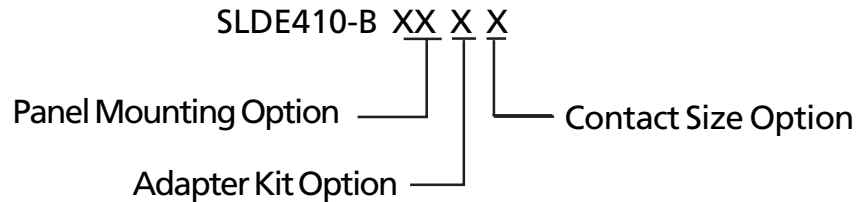
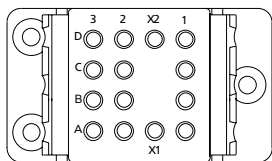
**B:** Kit Included

**Contact Size Option**

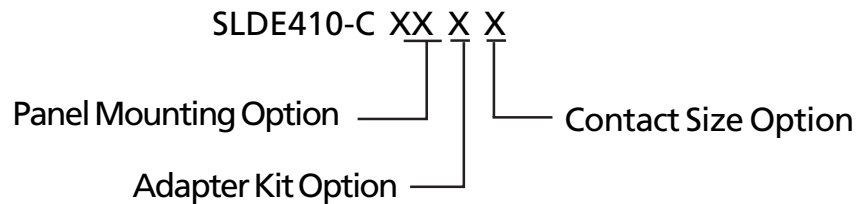
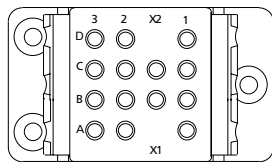
**1:** Supplied with Contacts for 16 AWG wire

**2:** Supplied with Contacts for 20 AWG wire

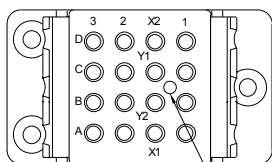
For use with E410, E415, ES410, ES415, ED2, and EDS2 Relays with Mounting Code 2 (Adapter Kit Required) or G and Pin Code C



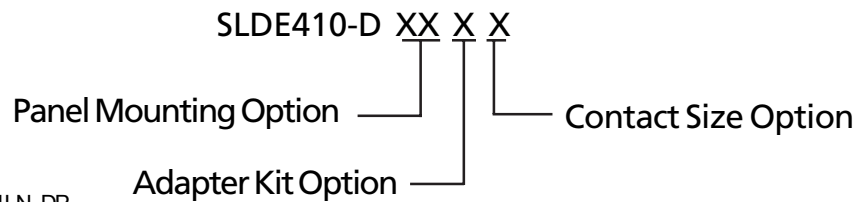
For use with EA410, EA415, EMA12, and EDA2 Relays with Mounting Code 2 (Adapter Kit required) or G and Pin Code K



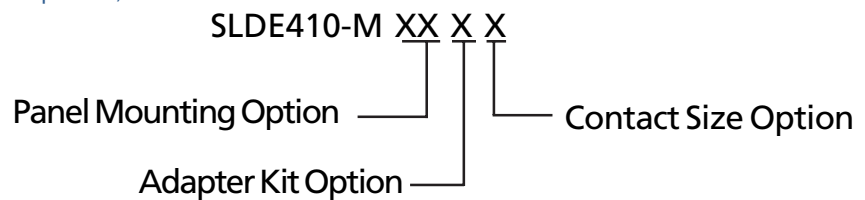
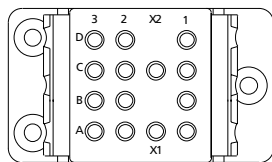
For use with EL410, EL415, ELS410, ELS415, ELR410, ELR415, EM12, EMS12, EDL2 and EDLS2 Relays with Mounting Code 2 (adapter Kit Required) or G and Pin Code M or C and REB210 and REB410 Relays with Mounting Code B or N



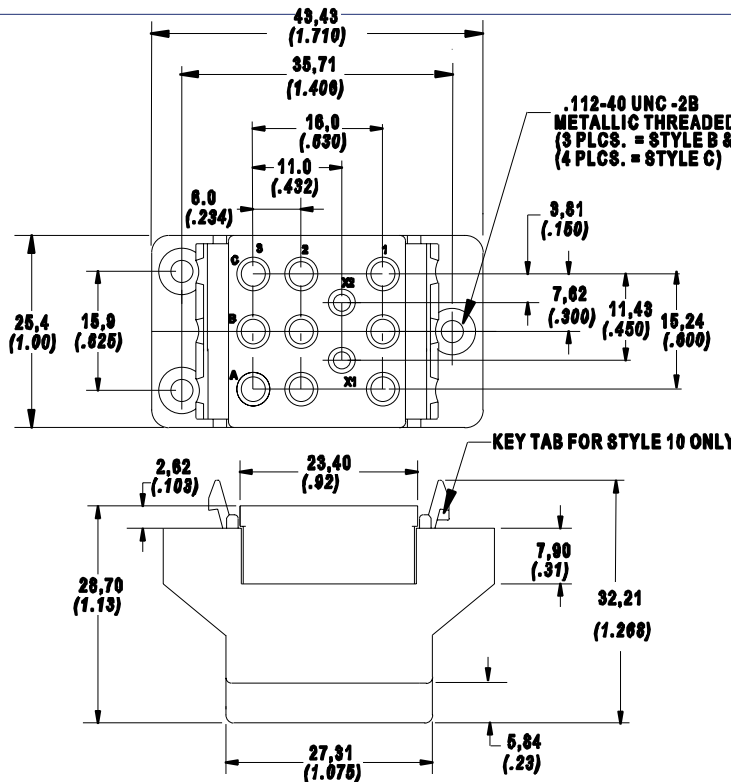
— ø1,98 x 8,51 MI N. DP.  
(ø.078 X .335)  
POLARIZING HOLE



For use with EA410 and EA415 Relays with Mounting Code 2 (Adapter Kit Required) or G and Pin Code T



# SLDE Series SLDE325



UNLESS OTHERWISE SPECIFIED, TOLERANCE IS +/- 0.13mm (0.005") FOR THREE PLACE DECIMALS, AND +/- 0.25mm (0.01") FOR TWO PLACE DECIMALS

**.112-40 UNC-2B METALLIC THREADED BUSHING**  
 (3 PLCS. = STYLE B & D)  
 (4 PLCS. = STYLE C)

### Panel Mounting Option

**10:** See Page 30

**11:** See Page 30

### Adapter Kit Option

**A:** Kit Not Included

**B:** Kit Included

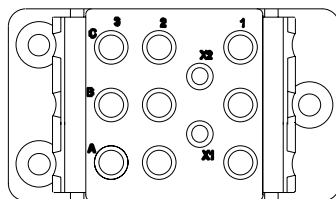
### Contact Size Option

**0:** Supplied without Contacts

**1:** Supplied with Contacts for (9) size 12 AWG and (2) size 16 AWG Code D has (4) size 16 AWG contact

**2:** Supplied with Contacts for (11) Size 16 AWG (Code D has (13) size 16 AWG contacts)

For use with E325, ES325, and EA325 Relays with Mounting Code H (Adapter Kit required) or G and Pin Code C



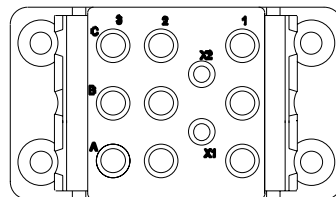
SLDE325-B XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option

For use with E325, ES325, and EA325 Relays with Mounting Code 2 (Adapter Kit required) or P and Pin Code C



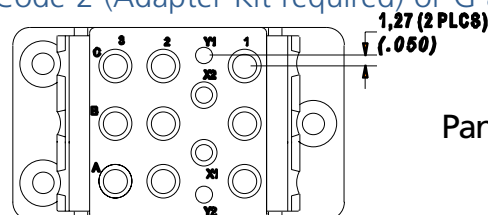
SLDE325-C XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option

For use with EL325 and ELS325 Relays with Mounting Code H (Adapter Kit required) or G and Pin Code C, and REB325 Relays with Mounting Code 2 (Adapter Kit required) or G and Pin Code B or N



SLDE325-D XX X X

Panel Mounting Option

Adapter Kit Option

Contact Size Option