

ENGINEERING DATA SHEET

SC30*, SC40*

SOCKET FOR 2 OR 4 POLE
10 AMP

 <p>2 POLE</p>  <p>4 POLE</p>	<p>SNAP AND LOCK SOCKET SERIES DESIGNATION FOR:</p> <p>SERIES M300, M301, M302, M400, M401, M402, T402, T412</p> <p>DESIGNED TO THE STANDARDS AND REQUIREMENTS OF:</p> <table border="0"> <tr> <td>2-pole, 10A relays</td> <td>MIL-PRF-12883/41</td> </tr> <tr> <td>Mates with</td> <td>M83536, M83726 and MS27709</td> </tr> <tr> <td>4-pole, 10A relays</td> <td>MIL-PRF-12883/40</td> </tr> <tr> <td>Mates with</td> <td>M83536</td> </tr> </table> <p>FEATURES</p> <ul style="list-style-type: none"> Low profile Bottom panel mount Snaps into panel Other models available <p>MATERIALS</p> <table border="0"> <tr> <td>Socket body</td> <td>Polyetherimide per MIL-P-46184</td> </tr> <tr> <td>Grommet</td> <td>Silicone rubber per ZZ-R-765</td> </tr> <tr> <td>Hardware</td> <td>Stainless Steel</td> </tr> <tr> <td>Contacts</td> <td>Copper alloy, hard gold plated per MIL-G-45204</td> </tr> <tr> <td>Contact retainers</td> <td>Beryllium copper</td> </tr> </table>	2-pole, 10A relays	MIL-PRF-12883/41	Mates with	M83536, M83726 and MS27709	4-pole, 10A relays	MIL-PRF-12883/40	Mates with	M83536	Socket body	Polyetherimide per MIL-P-46184	Grommet	Silicone rubber per ZZ-R-765	Hardware	Stainless Steel	Contacts	Copper alloy, hard gold plated per MIL-G-45204	Contact retainers	Beryllium copper
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GENERAL CHARACTERISTICS

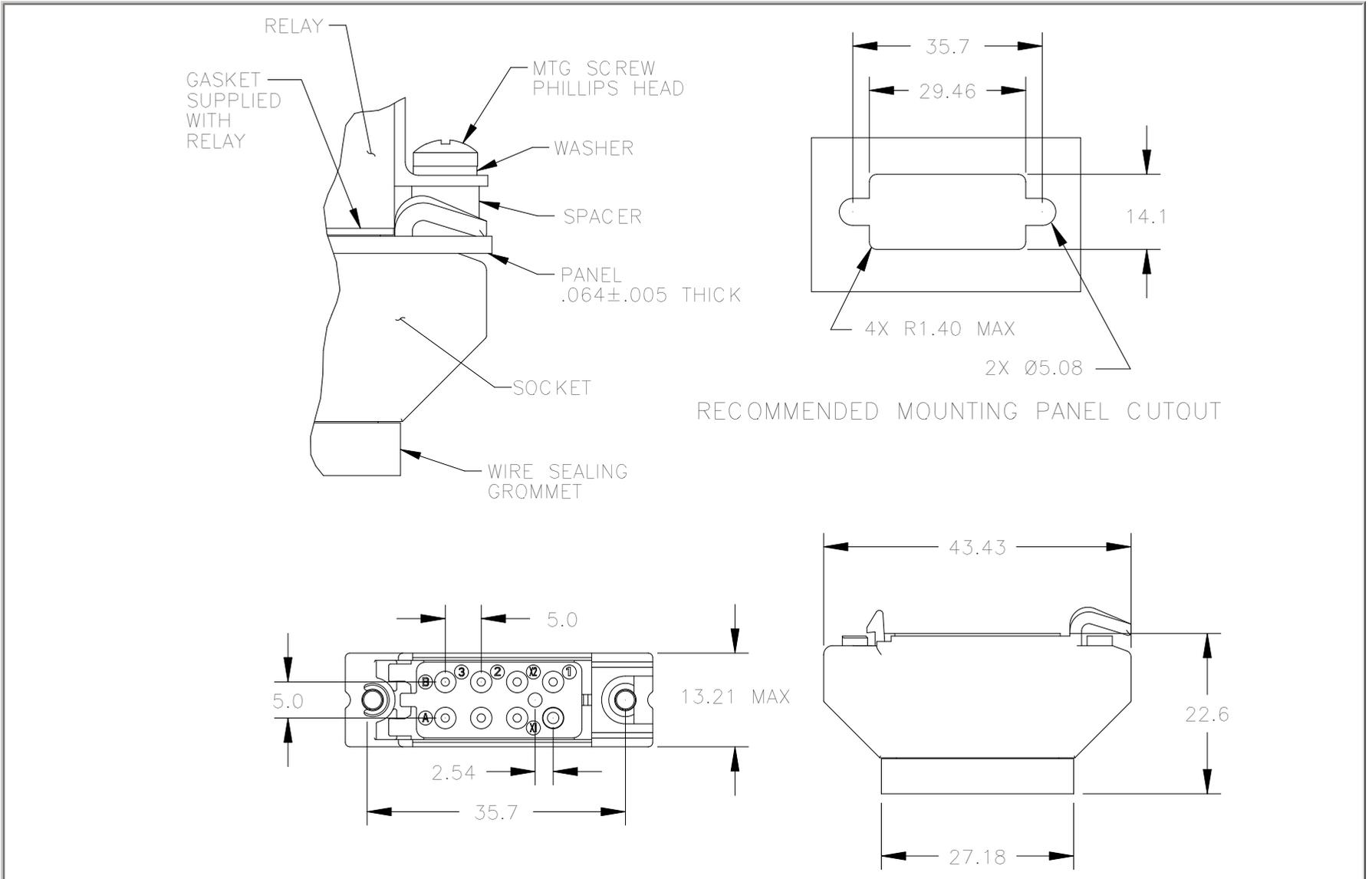
Insulation resistance	1000 M Ω min.
Dielectric withstanding voltage	1500 VRMS sea level; 500 VRMS at 25,000 m
Weight	15.3g max.
Temperature range	-65°C to +125°C
Vibration	MIL-STD-202, Method 204, Test Condition G
Shock	MIL-STD-202, Method 213, Test Condition C

This socket is designed to snap and lock into a panel to reduce hardware requirement and mounting time. Contacts and hardware are provided disassembled in a plastic bag. Standard tolerances are ± 0.025 mm unless otherwise noted.

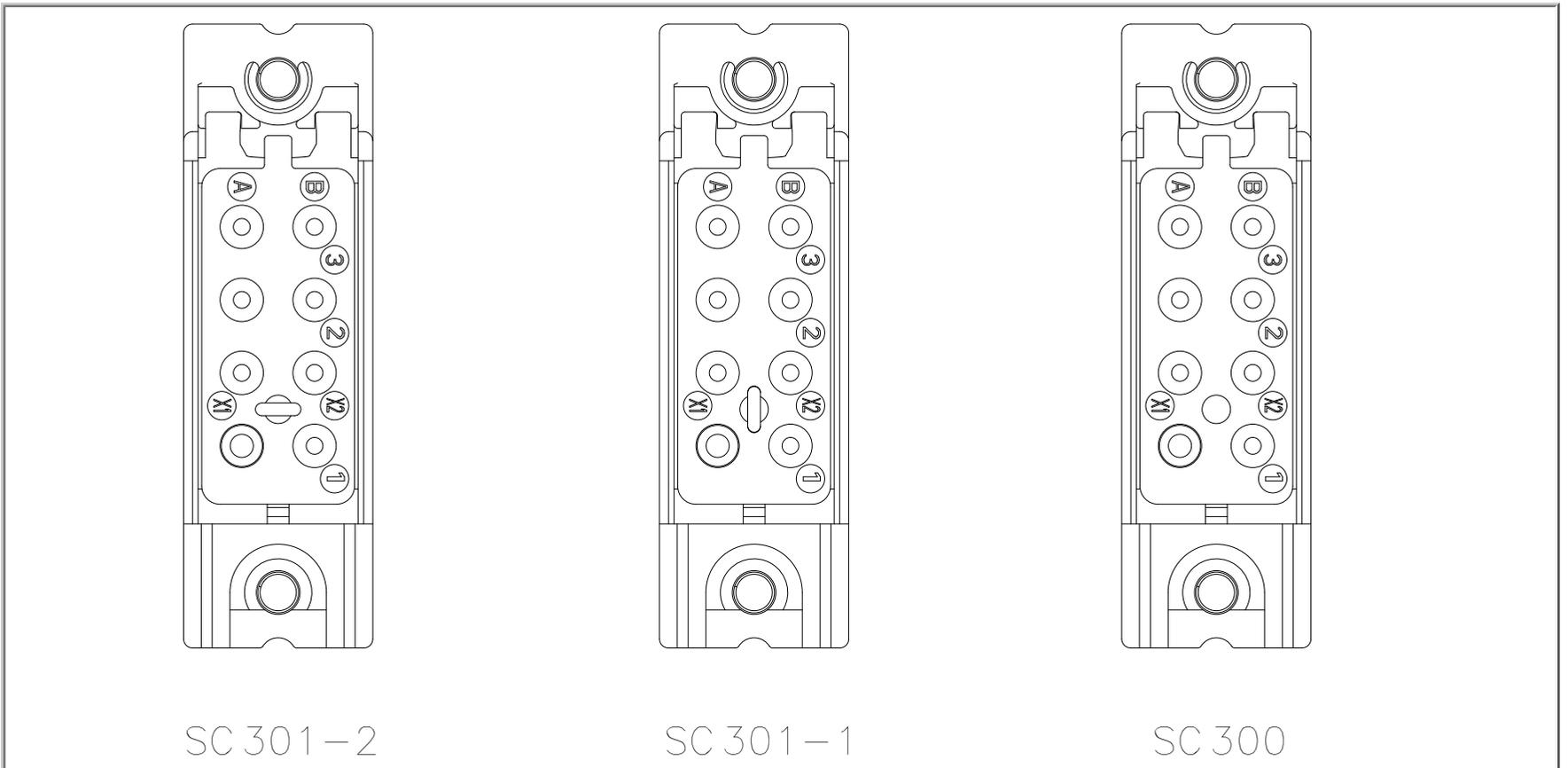
 <p>Featuring LEACH® power and control solutions www.esterline.com</p>	<p>AMERICAS 6900 Orangethorpe Ave. P.O. Box 5032 Buena Park, CA 90622</p> <p>Tel: (01) 714-736-7599 Fax: (01) 714-670-1145</p>	<p>EUROPE 2 Rue Goethe 57430 Sarralbe France</p> <p>Tel: (33) 3 87 97 31 01 Fax: (33) 3 87 97 96 86</p>	<p>ASIA Units 602-603 6/F Lakeside 1 No.8 Science Park West Avenue Phase Two, Hong Kong Science Park Pak Shek Kok, Tai Po, N.T. Hong Kong</p> <p>Tel: (852) 2 191 3830 Fax: (852) 2 389 5803</p>
	<p>Data sheets are for initial product selection and comparison. Contact Esterline Power Systems prior to choosing a component.</p>		

SOCKET DIMENSIONS

SC30* (2 POLE)

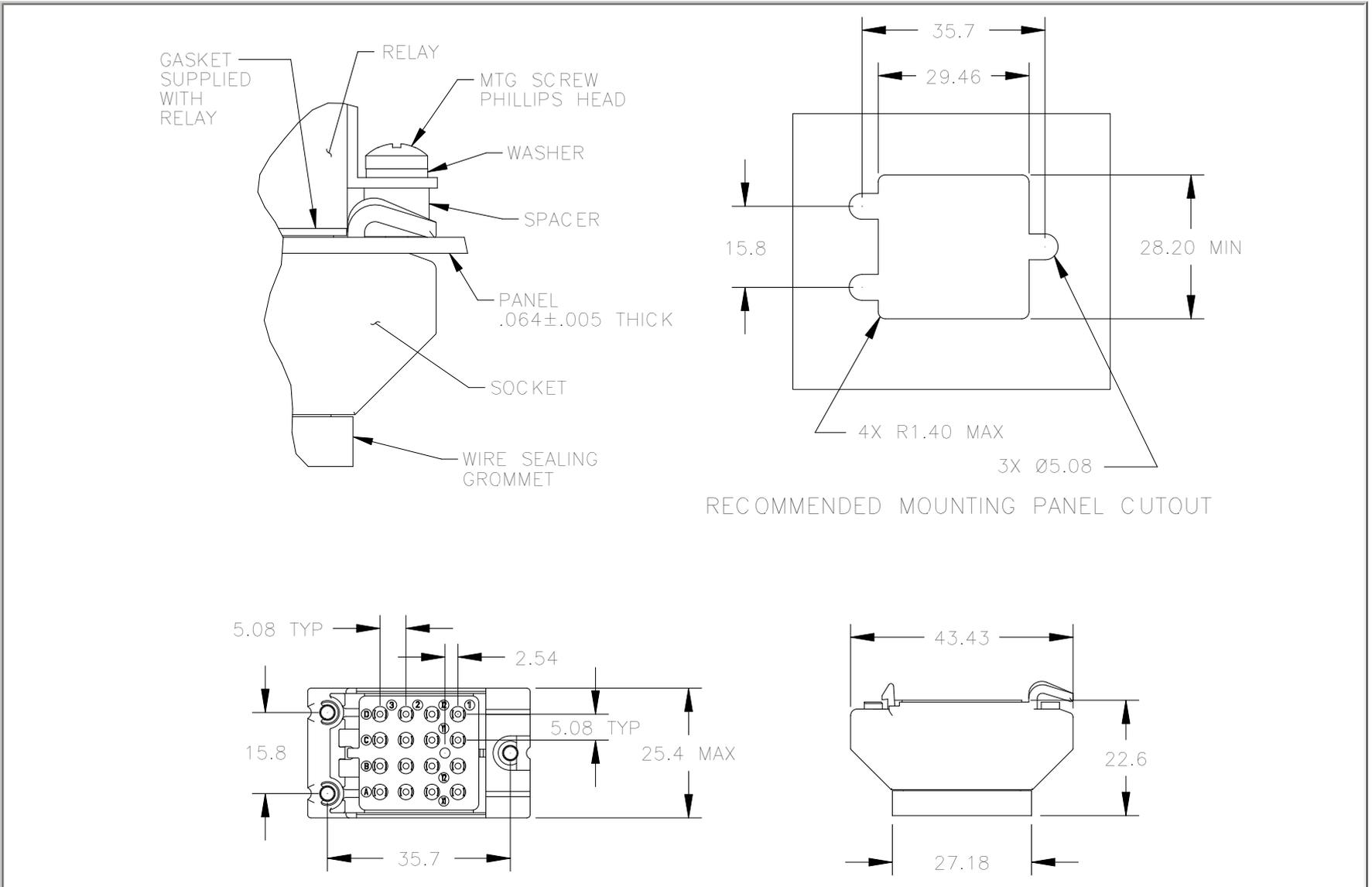


TERMINAL LAYOUT

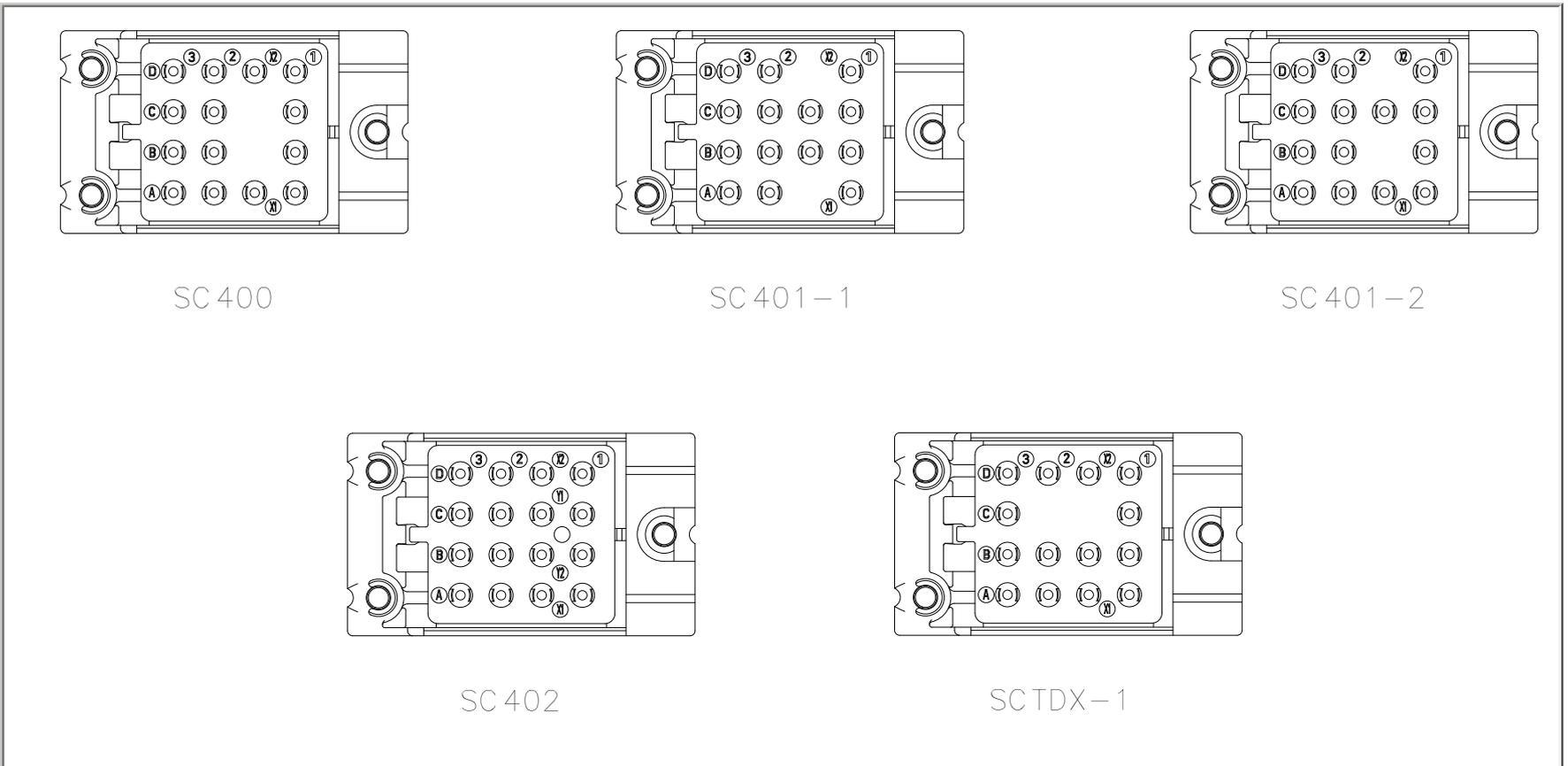


SOCKET DIMENSIONS

SC40* (4 POLE)



TERMINAL LAYOUT



	SC	300	01
1-Basic socket snap lock designation_____			
2-Mating relay (M300, M301, M302, M400, M401_____)			
2-Hardware (0=less hardware, 1=with hardware)_____			
3-Contacts (0=less contacts, 1=with contacts)_____			