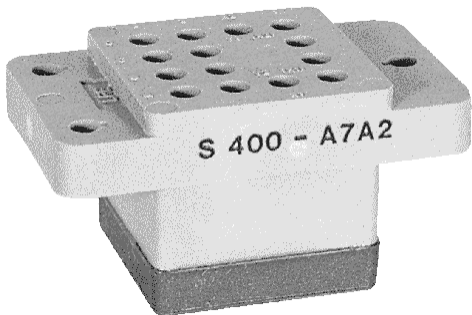
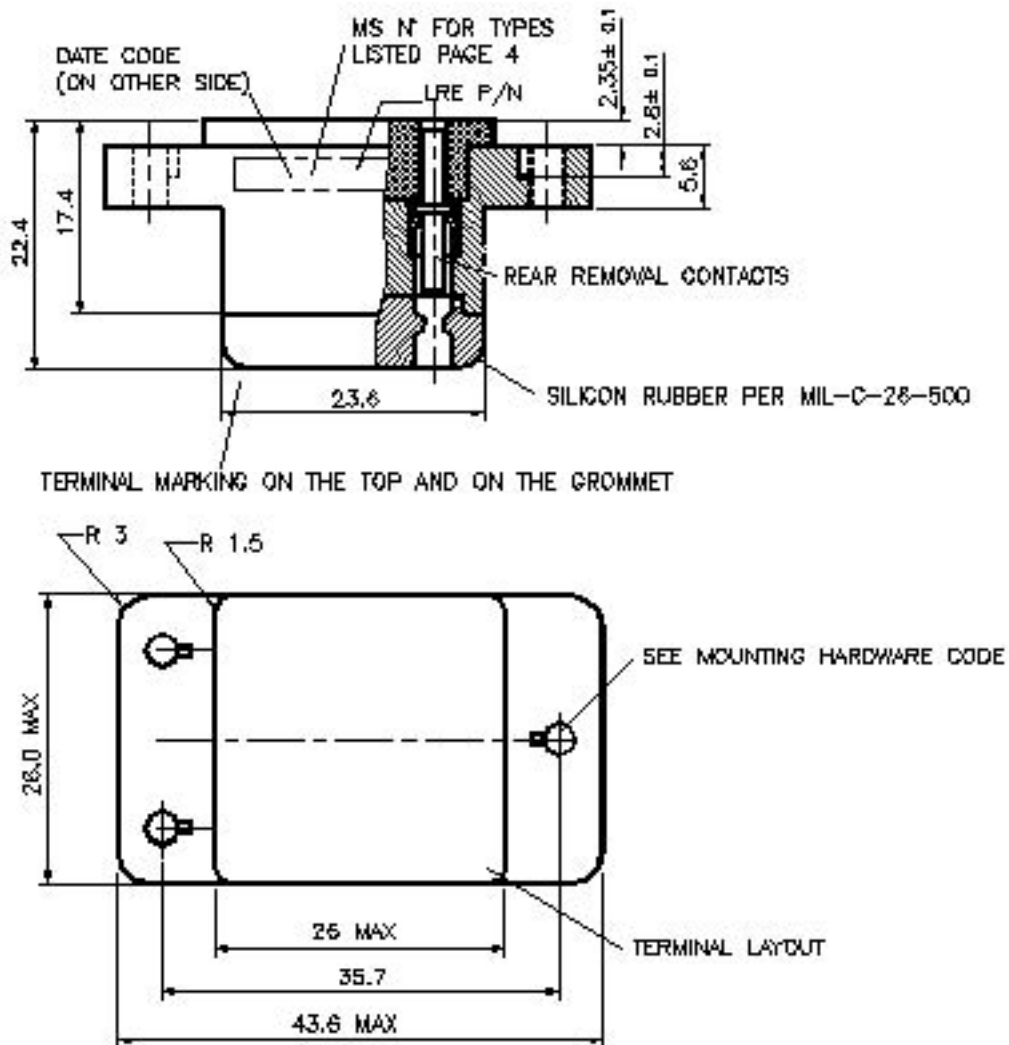




BASIC SOCKET SERIES DESIGNATION FOR:

**Series M400 (DC Coil), M401 (AC Coil),
M402 (DC Coil), FLS402, T402, T412, T441, VS400, CS400**



GENERAL CHARACTERISTICS

Crimp tool contact	M 22520/1-01 with turret M 22520/1-02 or MS 3191-1.
Insertion and extraction tool	NAS 1664-16.
Weight	35g max.
Temperature range	-70° C to +125° C.

This connection is designed to the standards and requirements of MIL-S-12883
Contacts and hardware to be delivered disassembled in a plastic bag.
Tolerances, unless otherwise specified, ±0.25mm.



Featuring **LEACH®** power and control solutions
www.esterline.com

AMERICAS
6900 Orangethorpe Ave.
P.O. Box 5032
Buena Park, CA 90622

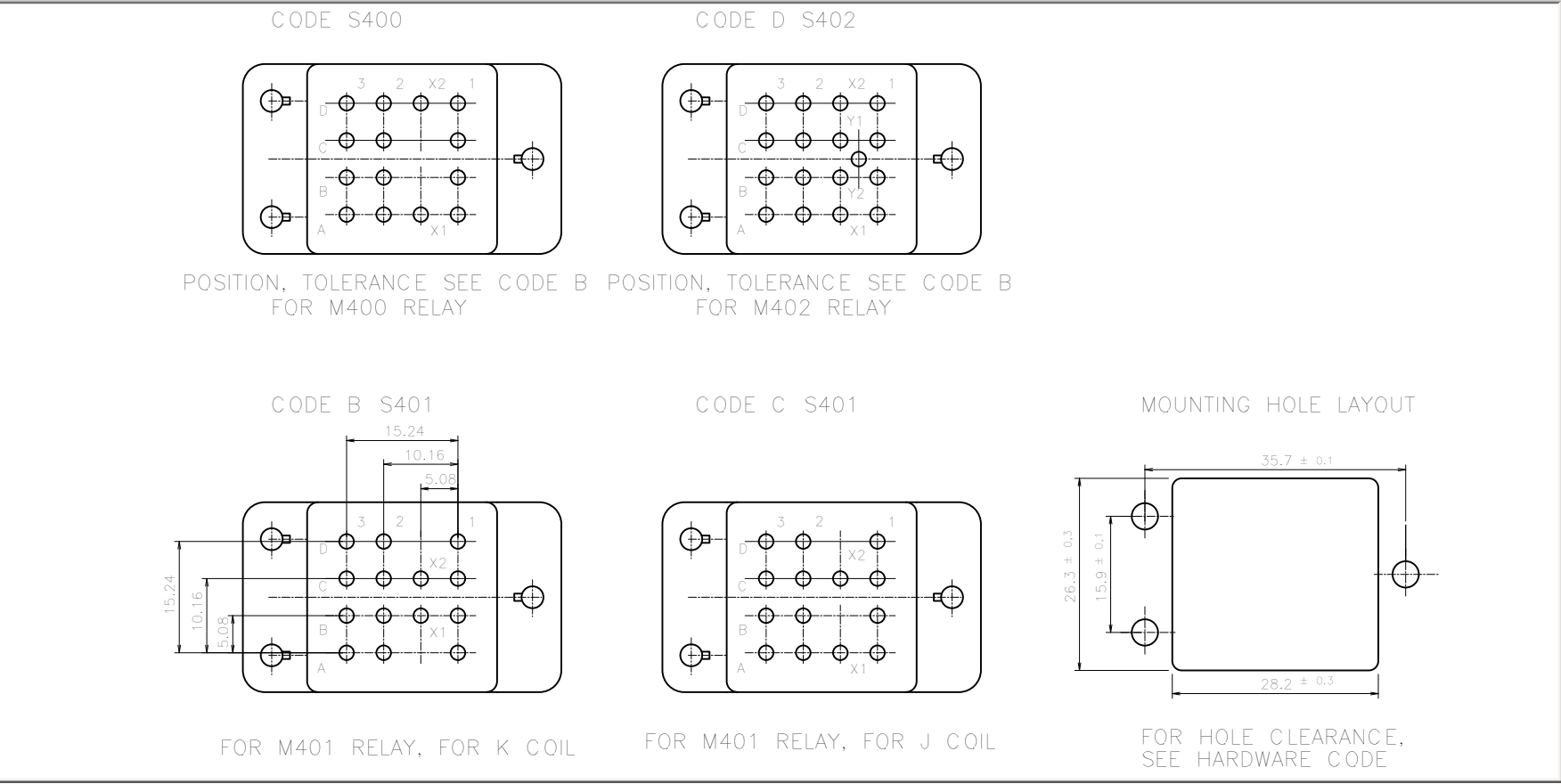
Tel: (01) 714-736-7599
Fax: (01) 714-670-1145

EUROPE
2 Rue Goethe
57430 Sarralbe
France

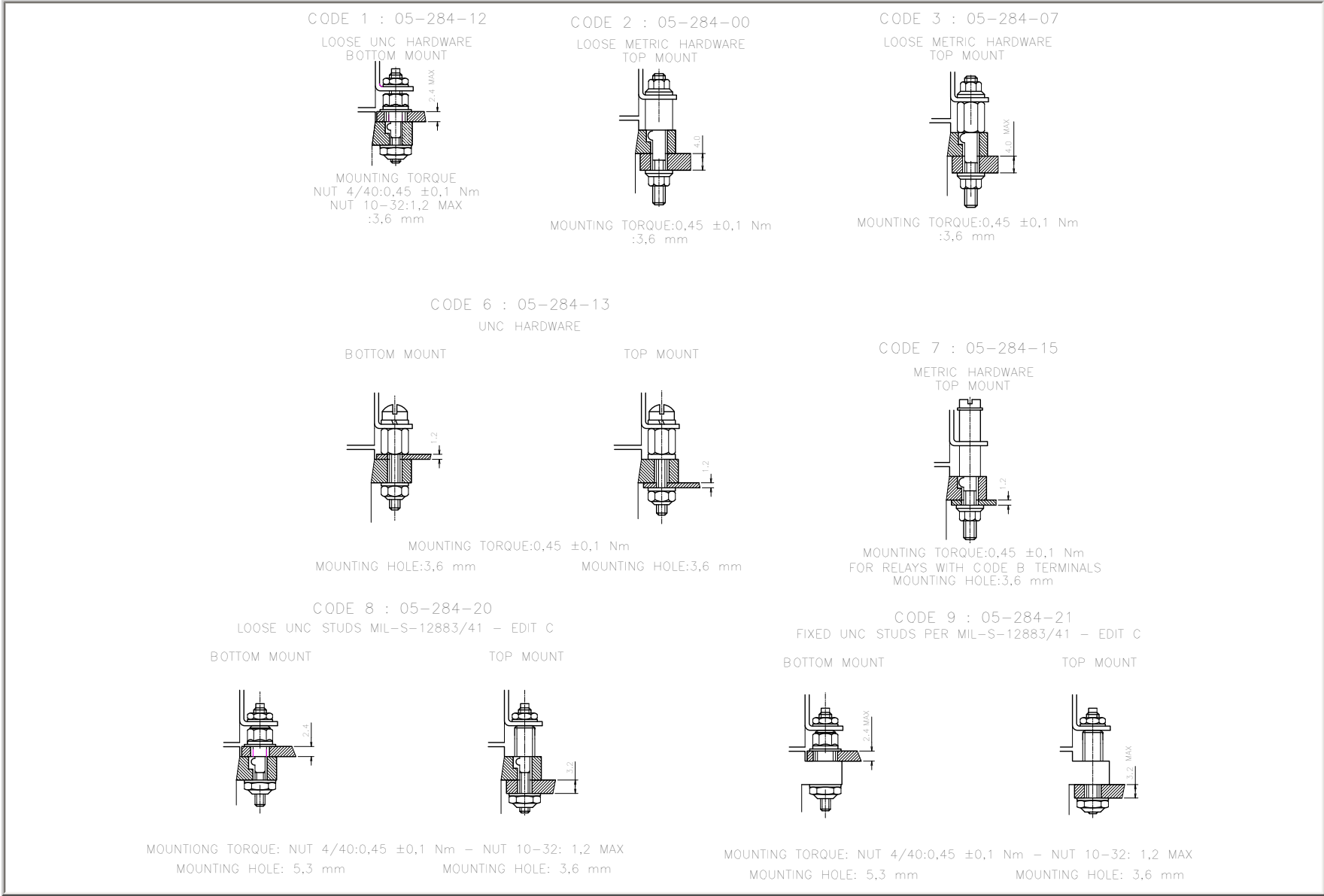
Tel: (33) 3 87 97 31 01
Fax: (33) 3 87 97 96 86

ASIA
Units 602-603 6/F Lakeside 1
No.8 Science Park West Avenue
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Tel: (852) 2 191 3830
Fax: (852) 2 389 5803

Data sheets are for initial product selection and comparison. Contact Esterline Power Systems prior to choosing a component.



MOUNTING HARDWARE



WIRE INSULATION DIAMETER FOR SEAL TO GROMMET

S400, S401, S402

Code A	Code B
Recommended for contact code 2 contact code 8 Diameter: 1.22.4mm	Recommended for contact code 3 contact code 9 Diameter: 0.81.6mm

CONTACT SIZE AND STYLE

	Code 2 05 911 00	Crimpend to accomodate AWG16-18-20	Code 3 05 911 10	Crimpend to accomodate AWG20-22-24
	<u>Contact mating end #16</u>		<u>Contact mating end #16</u>	
Code 0 Without contacts	Code 8 30 315 00	Crimpend to accomodate AWG16-18-20	Code 9 30 315 10	Crimpend to accomodate AWG20-22-24
	MIL-C-39029/92- 533 Bin Code colour bands or Bin Code numbering on crimpside <u>Contact mating end #16</u>		MIL-C-39029/92-534 Bin Code colour bands or Bin Code numbering on crimpside <u>Contact mating end #16</u>	

SOCKET NUMBERING SYSTEM

	S400	A	1	A	2
1-Basic socket designation_____					
2-Terminal Layout_____					
3-Mounting Hardware_____					
4-Grommet to seal on wire insulation_____					
5-Contact size and style_____					

MS/LRE CROSS PART NO. AND MATING RELAYS
S400, S401, S402

	MS - Number	LEACH P/N	Contacts to accomodate wire #		Applicable for relays
MIL-S-12883/40	-01	S400-A6A2	16-18-20	Loose terminals Above/below panel mounting	M400-D4A /-L/-N/-B/-C
	-05	S400-A6B3	20-22-24		
	-02	S401-B6A2	16-18-20		M 401-D4F/-K
	-03	N/A	N/A		N/A
	-04	S401-C6A2	16-18-20		M 401-D4E/-J
	MS - Number	LEACH P/N	Contacts to accomodate wire #		Applicable for relays
MIL-S-12883/40B	-13	S400-A1A2	16-18-20	Loose terminals below panel mounting	M400-D4A /-L/-N/-B/-C
	-17	S400-A1B3	20-22-24		
	-14	S401-B1A2	16-18-20		M 401-D4F/-K
	-16	S401-C1A2	16-18-20		M 401-D4E/-J
	MS - Number	LEACH P/N	Contacts to accomodate wire #		Applicable for relays
MIL-S-12883/40C	-13S	S400-A8A8	16-18-20	Loose terminals Above/below panel mounting	M400-D4A /-L/-N/-B/-C
	-17S	S400-A8B9	20-22-24		
	-14S	S401-B8A8	16-18-20		M401-D4F/-K
	to be determined	S401-C8A8	16-18-20		M401-D4E/-J
	-18S	S402-D8A8	16-18-20		M402-D4A/ -L/-N/-B/-C
MIL-S-12883/40C	-19S	S400-A9A8	16-18-20	Fixed terminals Above/below panel mounting	M400-D4A /-L/-N/-B/-C
	-23S	S400-A9B9	20-22-24		
	-20S	S401-B9A8	16-18-20		M 401-D4F/-K
	to be determined	S401-C9A8	16-18-20		M 401-D4E/-J
	-24S	S402-D9A8	16-18-20		M 402-D4A/ -L/-N/-B/-C