



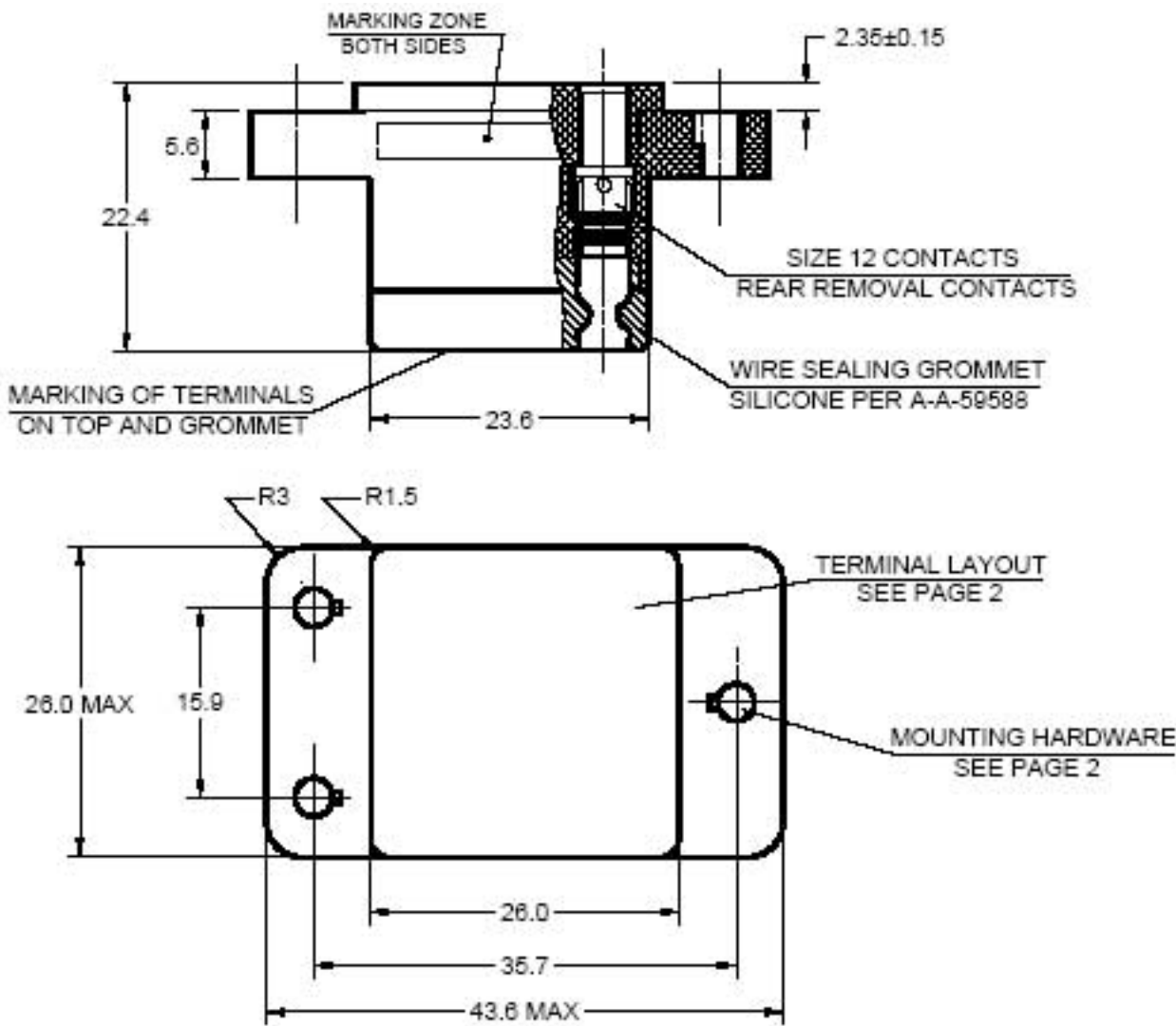
BASIC SOCKET SERIES DESIGNATION FOR:

SERIES M500 (DC Coil), M501 (AC Coil),
M502 (DC Coil), M550 (DC Coil), T531, CS500

DESIGNED TO THE STANDARDS AND REQUIREMENTS OF:

MIL-PRF-12883/48 & /54

DIMENSIONS



GENERAL CHARACTERISTICS

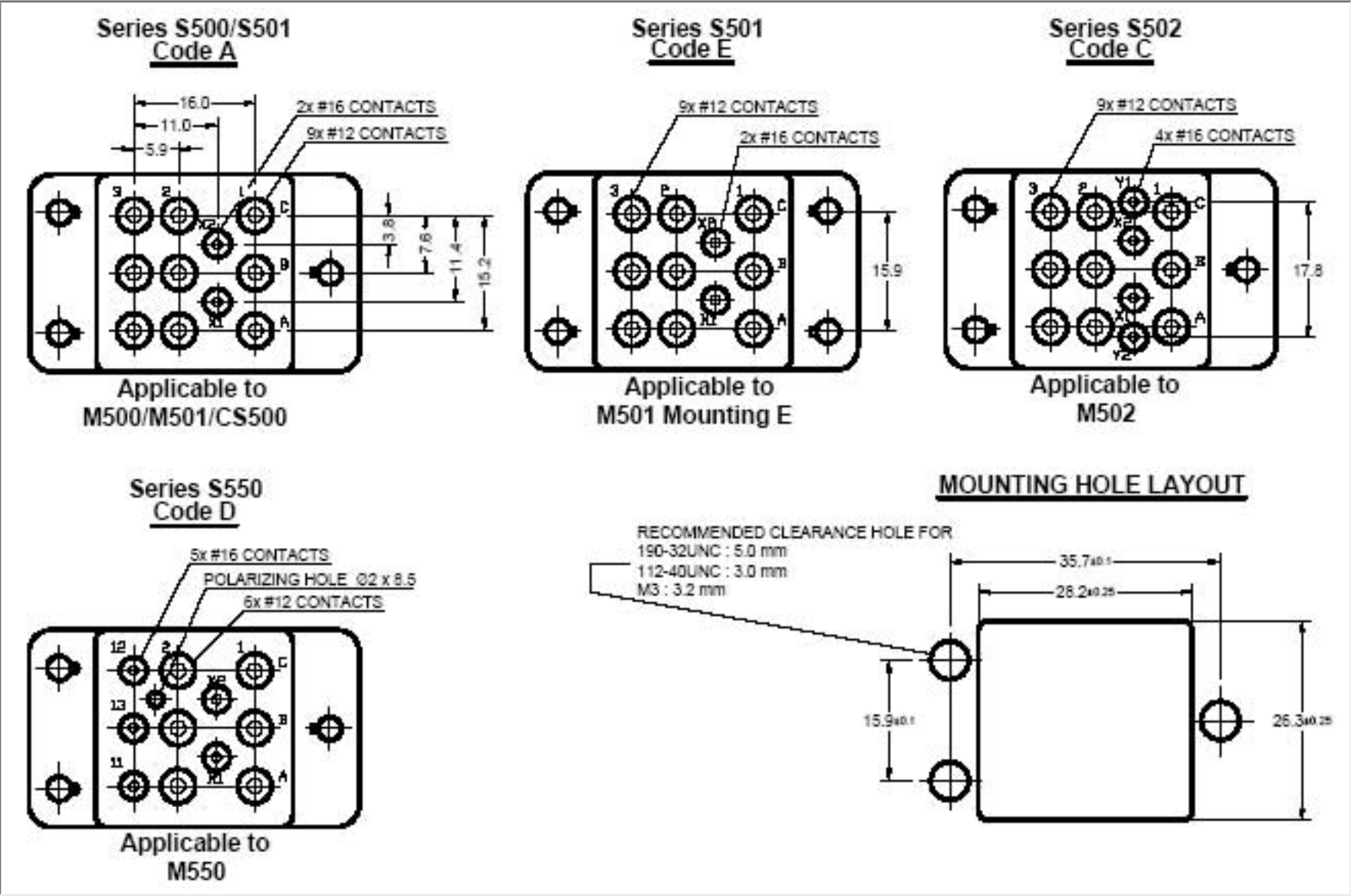
Crimp tool for contacts	M 22520/1-01, Positioner M22520/1-02
Insertion / removal tool	#16: M81969/14-03 #12: M81969/14-04
Weight	45 grams Max
Temperature range	-70°C to +125°C
Contact and mounting hardware supplied in a separate plastic bag. Standard tolerances, ±0.25mm	



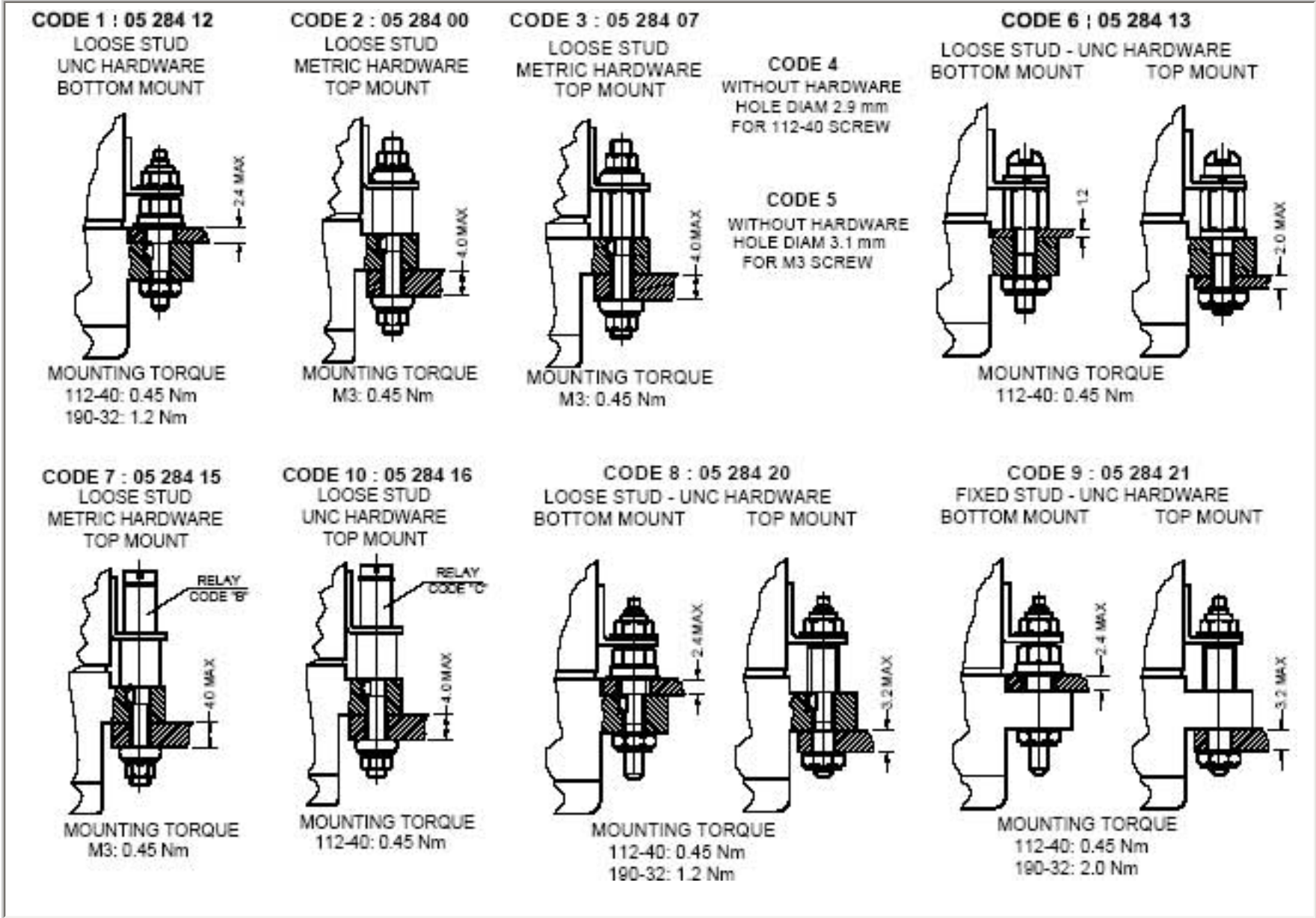
Featuring **LEACH**® power and control solutions
www.leachintl.com

Data sheets are for initial product selection and comparison. Contact Leach International prior to choosing a component.

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Tel: (01) 714-736-7599 Fax: (01) 714-670-1145	Tel: (33) 3 87 97 31 01 Fax: (33) 3 87 97 96 86	Tel: (852) 2 191 3830 Fax: (852) 2 389 5803

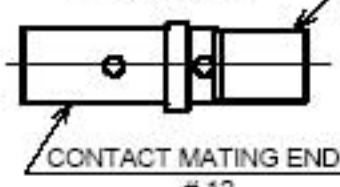
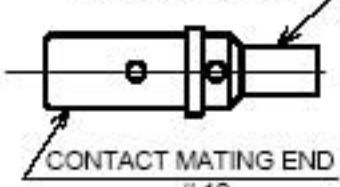
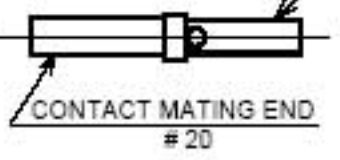
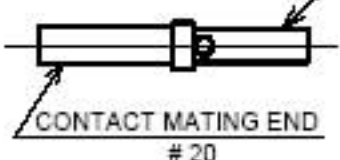
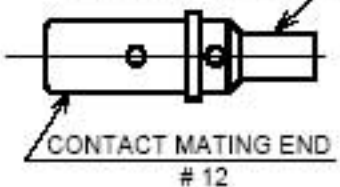


MOUNTING HARDWARE



Code A:
Main contacts: External wire diameter: 2.0mm to 3.4mm
X1-X2 Contacts: External wire diameter: 1.2mm to 2.6mm
Y1-Y2 Contacts: External wire diameter: 0.8mm to 1.6mm

CONTACT SIZE AND STYLE

CODE 0 WITHOUT CONTACTS	CODE 8 MAIN CONTACTS, 05-910-00 CRIMP END TO ACCOMODATE WIRE # 12 - 14  CONTACT MATING END # 12 X1-X2 CONTACTS, 05-911-00 CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 16	CODE 10 MAIN CONTACTS, 05-910-01 CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 12 X1-X2 CONTACTS, 05-911-00 CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 16
Y1 -Y2 (S502) CONTACTS, 05-913-00 when associated with code 8 or 10 CRIMP END TO ACCOMODATE WIRE # 20 - 22 - 24  CONTACT MATING END # 20 CONTACTS, 31-236-00 when associated with code 11 or 13 (MIL-C-39029/92-532) CRIMP END TO ACCOMODATE WIRE # 20 - 22 - 24  CONTACT MATING END # 20	CODE 11 MAIN CONTACTS, 30-976-00 (MIL-C-39039/92-535) CRIMP END TO ACCOMODATE WIRE # 12 - 14  CONTACT MATING END # 12 X1-X2 CONTACTS, 30-315-00 (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 16	CODE 13 MAIN CONTACTS, 31-099-00 (MIL-C-39029/92-536) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 12 X1-X2 CONTACTS, 30-513-00 (MIL-C-39029/92-533) CRIMP END TO ACCOMODATE WIRE # 16 - 18 - 20  CONTACT MATING END # 16

NUMBERING SYSTEM

S500, S501, S502. S550

			Options			
	S500	A	1	A	8	
Basic series designation_____						
Terminal Layout_____						
Mounting Hardware_____						
Grommet to seal on wire insulation_____						
Contact size and style_____						

MS/LEACH CROSS PART NO.

MIL - NUMBER			LEACH -P/N	NUMBER OF CONTACTS	HARDWARE
MIL-S-12883/48A	48	-01S	S500-A8A11	9xMIL-C-39029/92-535 2xMIL-C-39029/92-533	Loose Stud
		-02S	S500-A9A13	9xMIL-C-39029/92-535 2xMIL-C-39029/92-533	Fixed Stud
		-09S	S501-E8A11	9xMIL-C-39029/92-536 2xMIL-C-39029/92-533	Fixed Stud
		-05S	S501-E9A11	9xMIL-C-39029/92-535 2xMIL-C-39029/92-533	Loose Stud
		-06S	S501-E9A11	9xMIL-C-39029/92-535 2xMIL-C-39029/92-533	Fixed Stud
		-10S	S501-E9A13	9xMIL-C-39029/92-536 2xMIL-C-39029/92-533	Fixed Stud
	54	-04S	S502-C9A11	9xMIL-C-39029/92-535 2xMIL-C-39029/92-533 2xMIL-C-39029/92-533	Fixed Stud