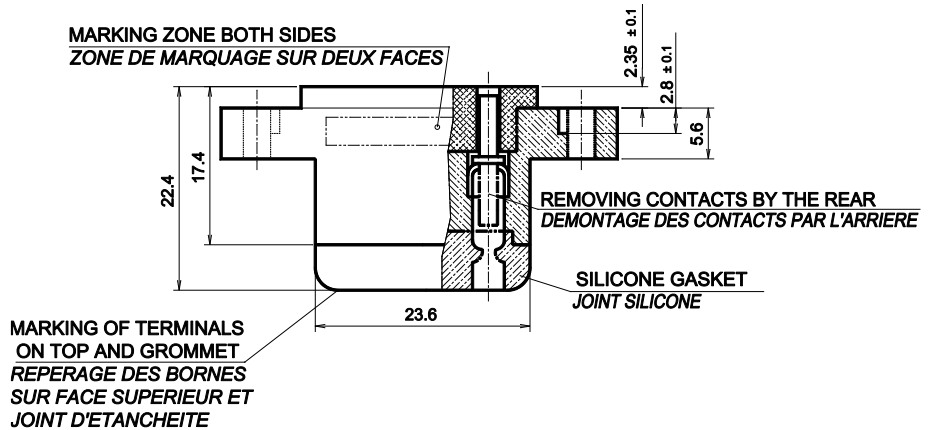
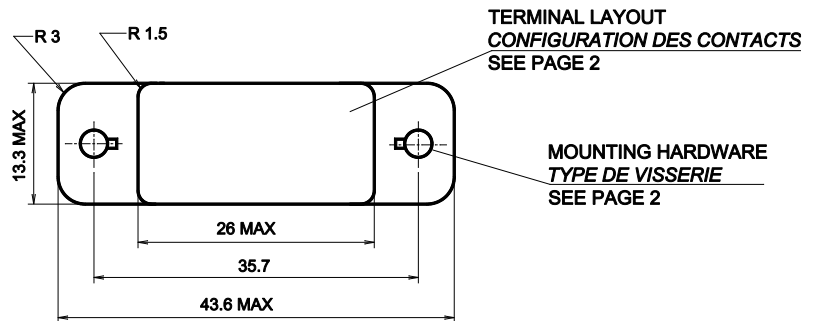




Applicable relays and sensors:
S300: M300, FD300, FLS300, FLR300
S301: M301
S302: M302, FLR300



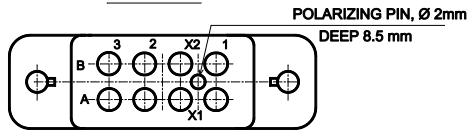
GENERAL CHARACTERISTICS CARACTERISTIQUES GENERALES

Tooling #16 Outillage #16	Crimp tool Pince à sertir	M22520/1-01 with turret M22520/1-02 (Blue)
	Insertion and extraction tool Outil d'insertion et d'extraction	M81969/14-03
Tooling #22 (for S302) Outillage #22 (pour S302)	Crimp tool Pince à sertir	M 22520/2-01 with turret M 22520/2-14
	Insertion and extraction tool Outil d'insertion et d'extraction	M 81969/14-01
Weight Poids		35g max
Temperature range Température d'utilisation		-70° C to +125° C
In accordance to En accord selon		MIL-DTL-12883/41
Contacts and hardware delivered in a separate plastic bag Contacts et visserie livrés séparément dans un sachet plastique		
Gasket sealed socket, crimp contacts Socle étanche par joint silicone, contacts à sertir		

**TERMINAL LAYOUT
TYPE DE SORTIE**

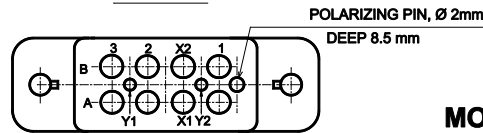
Dimensions in mm
Tolerances, unless otherwise specified, ± 0.25 mm

**Series S300
Code A**



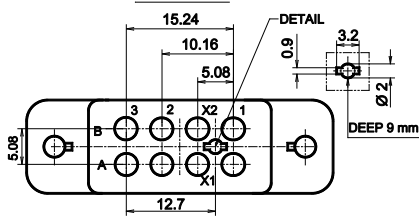
FOR RELAY M300, COIL A, B OR C

**Series S302
Code D**



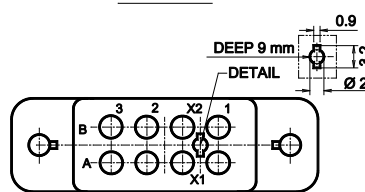
FOR RELAY M302

**Series S301
Code B**



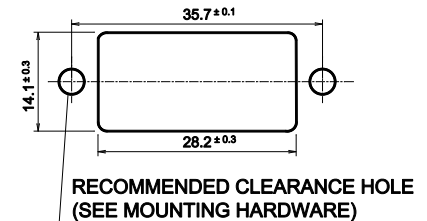
FOR RELAY M301, COIL F OR K

**Series S301
Code C**



FOR RELAY M301, COIL E OR J

**MOUNTING HOLE LAYOUT
DECOUPE DE LA STRUCTURE**



**MOUNTING HARDWARE
TYPE DE VISSERIE**

CODE 1 UNIFIED HARDWARE 05 284 12 MOUNT. HOLE: DIA 5,1 mm APPLICABLE TORQUE: 4-40 NUT 0,45 ± 0,1 Nm 10-32 NUT 1,2 ± 0,1 Nm	CODE 2 METRIC HARDWARE 05 284 00 MOUNT. HOLE: DIA 3,1 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm	CODE 3 METRIC HARDWARE 05 284 07 MOUNT. HOLE: DIA 3,1 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm
CODE 4 WITHOUT HARDWARE SOCKET BODY : MOUNT. HOLE DIA 2,9 mm	CODE 6 HARDW. PER MIL-S-12 883/40 MIL-S-12 883/41 05 284 13 MOUNT. HOLE: DIA 3,1 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm BOTTOM MOUNT. TOP MOUNT.	CODE 7 METRIC HARDWARE 05 284 15 MOUNT. HOLE DIA 3,1 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm
CODE 5 WITHOUT HARDWARE SOCKET BODY : MOUNT. HOLE DIA 3,1 mm	CODE 8 BOTTOM MOUNT. TOP MOUNT. 05 284 20 MOUNT. HOLE : DIA BOTTOM MOUNT. : 5,1mm TOP MOUNT. : 2,9mm APPLICABLE TORQUE: 4-40 NUT 0,45 ± 0,1 Nm 10-32 NUT 1,2 ± 0,1 Nm LOOSE STUDS	CODE 9 BOTTOM MOUNT. TOP MOUNT. 05 284 21 MOUNT. HOLE : DIA BOTTOM MOUNT. : 5,1mm TOP MOUNT. : 2,9mm APPLICABLE TORQUE: 4-40 NUT 0,45 ± 0,1 Nm 10-32 NUT 2,0 ± 0,1 Nm FIXED STUDS
CODE 11 METRIC HARDWARE 05 284 26 MOUNT. HOLE DIA 3,1 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm FIXED STUDS	CODE 10 UNIFIED HARDWARE 05 284 16 PANEL MOUNT. HOLE DIA 3,5 mm APPLICABLE TORQUE: 0,45 ± 0,1 Nm	

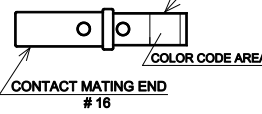
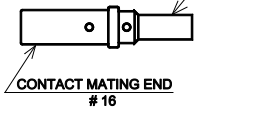
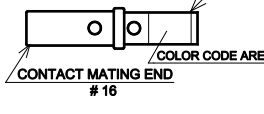
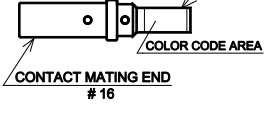
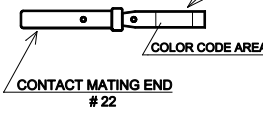
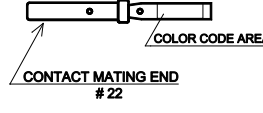
GROMMET TYPE**TYPE DE JOINT D'ÉTANCHEITE**

Wire sealing: A silicone grommet is permanently bonded to the wire entry face of the socket so as to provide sealing capabilities for AWG size 16, 18 and 20 or 20, 22 and 24 or 22, 24 and 26 wire as applicable.

Étanchéité du fil : Un joint silicone fait partie intégrante du socle et permet de garantir une étanchéité des fils de AWG 16, 18 et 20 ou 20, 22 et 24 ou 22, 24 et 26.

External wire diameter / Diamètre extérieur du Fil	CODE A Recommended for contact Code 2 and 8	CODE B Recommended for contact Code 3 and 9
	Dimensions in mm	Dimensions in mm
Main contacts	1.2 to 2.4	0.8 to 1.6
X1-X2 Contacts	1.2 to 2.4	0.8 to 1.6
Y1-Y2 Contacts (S302)	0.8 to 1.4	0.8 to 1.4

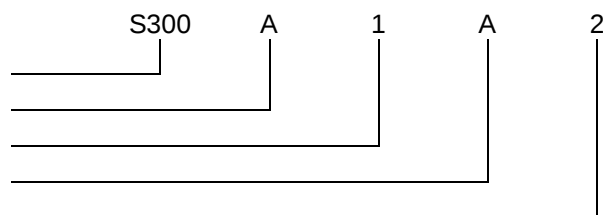
CONTACT SIZE AND STYLE**TAILLE ET STYLE DE CONTACTS**

CODE 0 WITHOUT CONTACTS			
CODE 2	CODE 3	CODE 8	CODE 9
05 911 00 MAIN CONTACTS CRIMP END TO ACCOMMODATE WIRE # 16 - 18 - 20 	05 911 10 MAIN CONTACTS CRIMP END TO ACCOMMODATE WIRE # 20 - 22 - 24 	30 315 00 MAIN CONTACTS (MIL-C-39029/92-533) CRIMP END TO ACCOMMODATE WIRE # 16 - 18 - 20 	31 315 10 MAIN CONTACTS (MIL-C-39029/92-534) CRIMP END TO ACCOMMODATE WIRE # 20 - 22 - 24 
05 912 00 Y1 -Y2 (S302) ASSOCIATED WITH CODE 2 OR 3 CRIMP END TO ACCOMMODATE WIRE # 22 - 24 - 26 		31 036 00 Y1 -Y2 (S302) ASSOCIATED WITH CODE 8 OR 9 (MIL-C-39029/92-531) CRIMP END TO ACCOMMODATE WIRE # 22 - 24 - 26 	

SOCKET NUMBERING SYSTEM**SYSTEME DE REFERENCES**

Basic series designation | Référence de base

1. Terminal layout | Type de sorties
2. Mounting hardware | Type de visserie
3. Grommet type | Type de joint d'étanchéité
4. Contact size and style | Taille et style de contact



Exemple : S300-A1A2

**MS/LEACH CROSS PART NO.
CORRESPONDANCE MIL/LEACH**

MIL - Number		LEACH P/N	CONTACTS TYPE	HARDWARE
MIL-DTL-12883/41	11S	S300-A8A8	8 x M39029/92-533	Loose Stud
	12S	S301-B8A8	8 x M39029/92-533	Loose Stud
	13S	S301-C8A8	8 x M39029/92-533	Loose Stud
	14S	S300-A8B9	8 x M39029/92-534	Loose Stud
	15S	S302-D8A8	8 x M39029/92-533 2 x M39029/92-531	Loose Stud
	16S	S300-A9A8	8 x M39029/92-533	Fixed Stud
	17S	S301-B9A8	8 x M39029/92-533	Fixed Stud
	18S	S301-C9A8	8 x M39029/92-533	Fixed Stud
	19S	S300-A9B9	8 x M39029/92-534	Fixed Stud
	20S	S302-D9A8	8 x M39029/92-533 2 x M39029/92-531	Fixed Stud