



**Basic socket series designation for:**

F370, F470, F472, F600, F670  
FD300, FD370, FD400, FD470, FD472,  
FD470S1, FD600, FD670, THLOR,  
THLM, THLC, THLAO

- **Printed circuit board socket with tinned pins terminals**  
*Socles pour montage sur circuit imprimé avec raccordement par broches étamées à piquer.*
- **Captive posts sockets offered in versions with or without keying device with 6 positions per key**  
*Socles équipés de colonnettes imperdables proposées en versions avec ou sans dispositif de détrompage à 6 positions par clé fixe.*

### PRINCIPAL TECHNICAL CHARACTERISTICS CARACTERISTIQUES TECHNIQUES PRINCIPALES

• <b>Body</b> <i>Corps</i>	<b>Thermoplastic</b> <i>Résine thermoplastique</i>
• <b>Mounting</b> <i>Fixations</i>	<b>Stainless steel, M3 or 4-40 UNC hardware</b> <i>Acier inoxydable, visserie M3 ou 4-40 UNC</i>
• <b>Contacts</b> <i>Contacts</i>	<b>Gold copper alloy, size 16Tins plated on pins PCB side</b> <i>Alliage cuivreux doré sur nickel, taille 16 étamage de la partie à piquer sur C.I.</i>
• <b>Weight (with hardware)</b> <i>Masse (avec visserie)</i>	<b>Types "2RT" .....15g max.</b> <b>Types "4RT" .....26g max.</b> <b>Types "6RT" .....37g max.</b>

### GENERAL CHARACTERISTICS CARACTERISTIQUES GENERALES

<b>Environmental / Environnement</b>	
- <b>Operating temperature / Température d'utilisation</b>	-55°C + 125°C
- <b>Storage temperature / Température de stockage</b>	-70°C + 150°C
- <b>Sinusoidal vibrations / Vibrations sinusoïdales</b>	20 g / 10 - 2000 Hz
- <b>Shocks / Chocs</b>	50 g / 11 ms
<b>Electrical / Electriques</b>	
- <b>Dielectric strenght / Rigidité diélectrique</b>	1500 Veff / 50 Hz
- <b>Insulation resistance / Résistance d'isolement</b>	> 1000 Ω
- <b>Max contact current rating / Intensité max. admissible par contact</b>	13A
<b>Sockets for 2 PDT or 1NO + 1NC Double Break relays, in ½ inch cube size can</b> <i>Socles pour relais 2 RT ou 1R + 1T double coupure, en boîtier taille ½ pouce cube</i>	Types : SF300...SFD300...
<b>Sockets for 4 PDT or 2NO + 2NC Double Break relays, in 1 inch cube size can</b> <i>Socles pour relais 4 RT ou 2R + 2T double coupure, en boîtier taille pouce cube :</i>	Types : SF400...SFD400...SF402...
<b>Sockets for 6 PDT or 3NO + 3NC or 2NO + 2NC + 2PDT Double Break relays, in 1 ½ inch cube size can</b> <i>Socles pour relais 6 RT, 3R + 3T ou 2R + 2T + 2RT double coupure, en boîtier taille 1½ pouce cube</i>	Types : SF600...SF600S2...SFD600...

**AMERICAS.**

Tel: +1 714-736-7599  
<http://www.esterline.com/powersystems>

**EUROPE.**

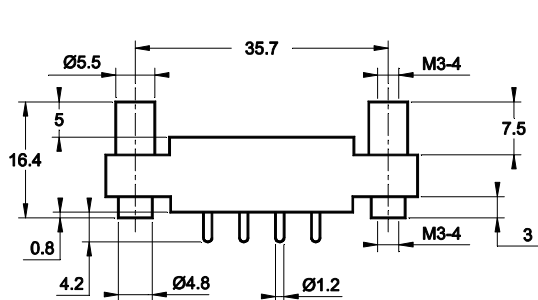
Tel: +33 3 87 97 31 01  
Fax: +33 3 87 97 96 86

**ASIA**

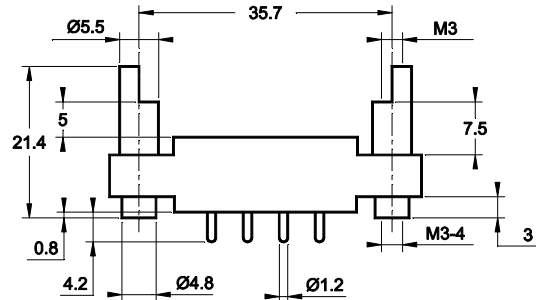
Tel: +852 2 191 3830  
Fax: +852 2 389 5803

### DIMENSIONS DIMENSIONS

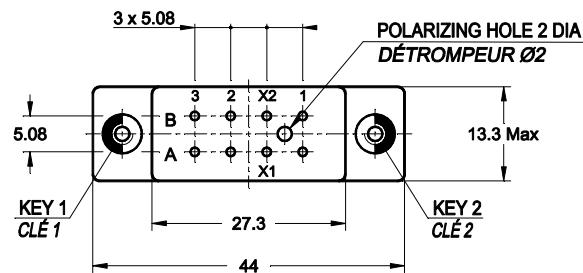
Dimensions in mm  
Tolerances, unless otherwise specified, ±0.25mm



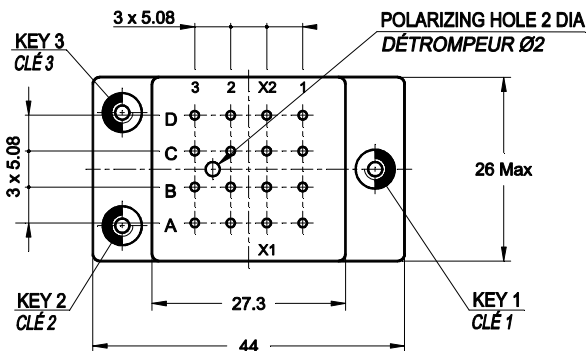
SOCKETS WITHOUT POLARIZATION  
SOCLES SANS DÉTROMPEUR



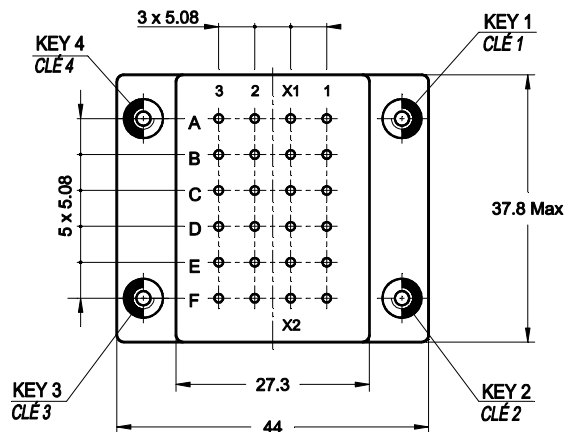
SOCKETS WITH POLARIZATION  
SOCLES AVEC DÉTROMPEUR



RELAY SOCKET 1/2 INCH CUBE SIZE CAN  
SOCLES POUR RELAIS BOÎTIER TAILLE 1/2 POUCE CUBE



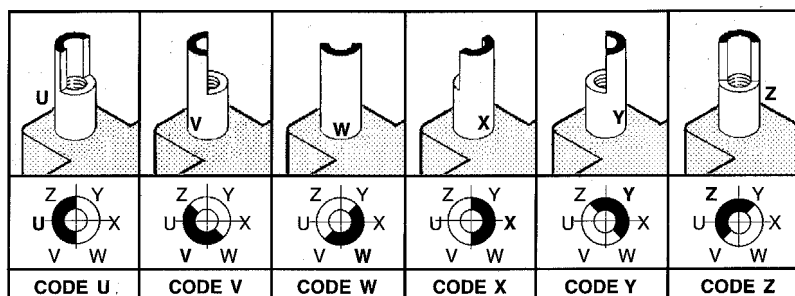
RELAY SOCKET 1/2 INCH CUBE SIZE CAN  
SOCLES POUR RELAIS BOÎTIER TAILLE 1/2 POUCE CUBE



RELAY SOCKET 1/2 INCH CUBE SIZE CAN  
SOCLES POUR RELAIS BOÎTIER TAILLE 1/2 POUCE CUBE

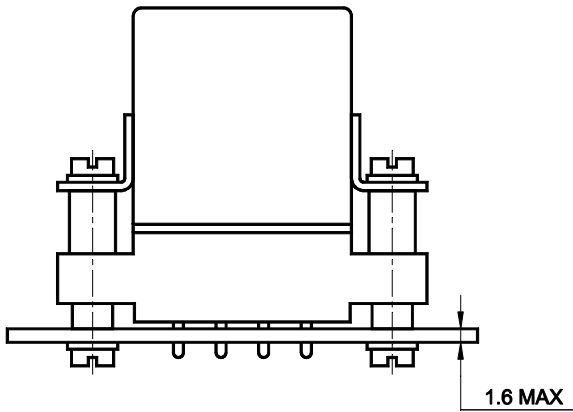
INDICATION OF KEY CODES POSITION IS APPLICABLE ONLY FOR SOCKETS WITH POSTS AND POLARIZATION  
L'INDICATION DE POSITIONNEMENT DES CLES DE CODAGE N'EST APPLICABLE QU'AUX SOCKETS A COLONNETTES AVEC DETROMPAGE

#### POLARIZATION CODES / CODES DE DETROMPAGE :



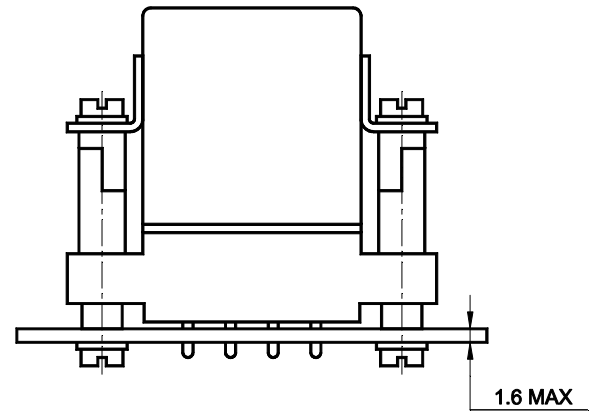
#### MOUNTING MONTAGE

SOCKETS WITHOUT POLARIZATION  
SOCLES SANS DÉTROMPEUR



DELIVERED HARDWARE: 2 SCREWS M3-5 OR 4-40 UNC  
AND 2 SPRINGS WASHERS PER POST.  
FIXATION LIVREE: 2 VIS M3-5 OU 4-40 UNC ET  
2 RONDELLES ONDUFLEX SUR CHAQUE COLONETTE.

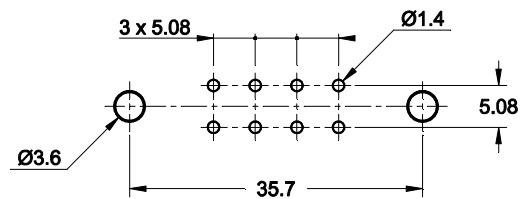
SOCKETS WITH POLARIZATION  
SOCLES AVEC DÉTROMPEUR



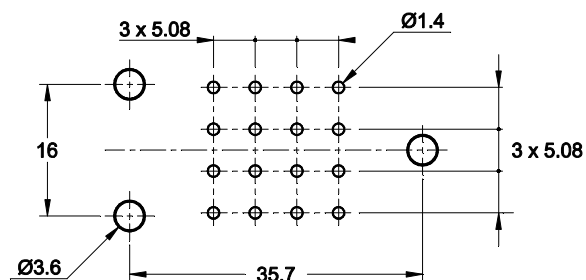
DELIVERED HARDWARE: 1 SCREW M3-5  
AND 1 SPRING WASHER PER POST.  
FIXATION LIVREE: VIS M3-5 ET 1 RONDELLES  
ONDUFLEX SUR CHAQUE COLONETTE.

#### PCB DRILLING PERCAGE CIRCUIT IMPRIMÉ

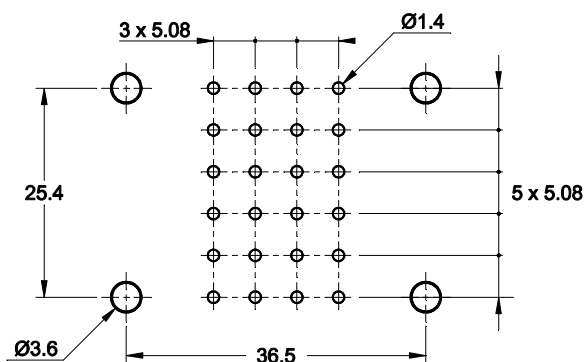
TYPES SF300....  
SFD300....



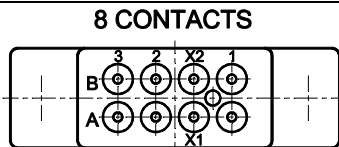
TYPES SF400....  
SFD400....



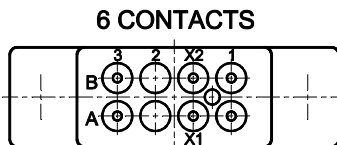
TYPES SF600....  
SFD600....



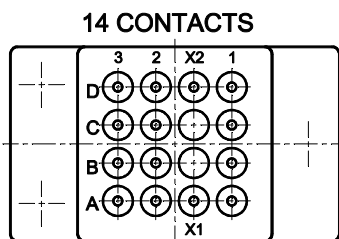
### TERMINAL LAYOUT TYPE DE SORTIE



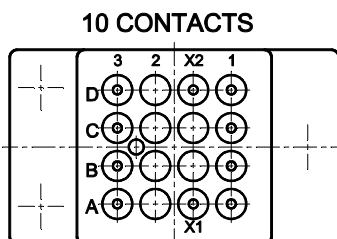
**SF300....**



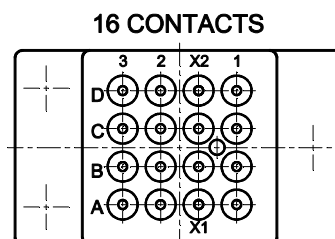
**SFD300....**



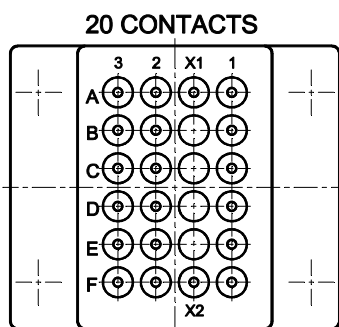
**SF400....**



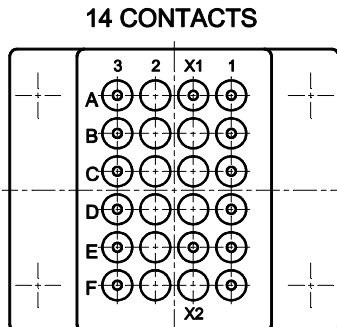
**SFD400....**



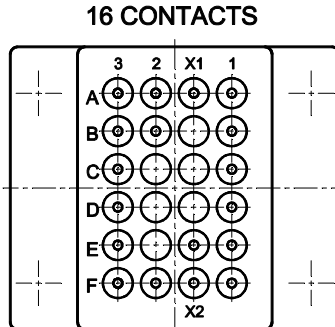
**SF402....**



**SF600....**



**SFD600....**



**SF600S2....**

### SOCKET NUMBERING SYSTEM SYSTEME DE REFERENCES

Sockets with non polarizing posts / Socles à colonnettes sans détrompage

SF\* CE40E C

1. Basic part numerg according to terminal layout  
*Référence de base selon arrangement des contacts*
2. Nothig / Néant = Hardware / visserie M3 ou/or  
-C = Hardware / visserie 4-40 UNC

Exemple : SFD400CE40E  
SF600S2CE40E-C

Sockets with polarizing posts / Socles à colonnettes avec détrompage

SF\* CE40E - XX  
XXX  
XXXX

1. Basic part numerg according to terminal layout  
*Référence de base selon arrangement des contacts*
2. 2,3 or 4 Coding keys | 2, 3 ou 4 Clés de codage

Exemple : SF300CE40E-YZ  
SFD400CE40E-XYZ  
SF600CE40E-WXYZ