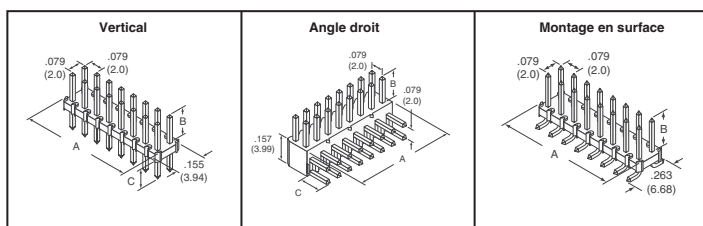




# Embases à picots 2 mm x 2 mm

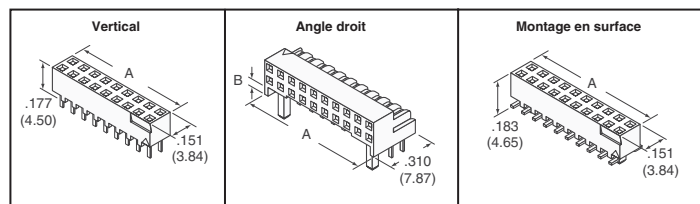


**Caractéristiques :** • Compatible normes industrielles • Diélectrique haute température • Compatible brasage à la vague, vapeur et IR • Queue à souder droite • Maximise l'utilisation de l'espace sur carte CI • Compatibles avec produits de types montage sur carte et montage sur fil • Dispositif de juxtaposition longitudinale • Dispositif de juxtaposition latérale **Caractéristiques physiques :** • **Placage des contacts :** • Zone d'essuyage : or 30 µ" • Queues à souder : 200 µ" étain/plomb (conforme à RoHS : étain mat 300 µ") • Sous-placage : nickel 100 µ" • **Matériau des contacts :** alliage de cuivre • **Matériau de l'isolant :** thermoplastique haute température (PCT ou PCL) • Inflammabilité : UL 94V-0 **Spécifications électriques :** • Courant nominal : 1,5 A • Résistance d'isolement : > 1 x 10<sup>9</sup> Ω à 250 V c.c. • **Tension de tenue :** 500 V c.c. au niveau de la mer • **Spécifications environnementales :** • Température de fonctionnement : -55 à 105 °C

| Nb. de positions                                     | Dim. en pouces (mm) |             |            | N° de référence Digi-Key | Prix unitaire |      |      | N° de référence 3M |
|--|---------------------|-------------|------------|--------------------------|---------------|------|------|--------------------|
|  | A                   | B           | C          |                          | 1             | 100  | 500  |                    |
| <b>Verticale (naturelle)</b>                         |                     |             |            |                          |               |      |      |                    |
| 8  | .295 (7.5)          | .152 (3.86) | .118 (3.0) | 3M1108-ND                | .95           | .73  | .66  | 151208-8422-TB     |
| 10   | .374 (9.5)          | .152 (3.86) | .118 (3.0) | 3M1110-ND                | 1.53          | 1.17 | 1.06 | 151210-8422-TB     |
| 12   | .453 (11.5)         | .152 (3.86) | .118 (3.0) | 3M1112-ND                | 1.14          | .87  | .79  | 151212-8422-TB     |
| 20   | .768 (19.5)         | .152 (3.86) | .118 (3.0) | 3M1120-ND                | 1.53          | 1.17 | 1.06 | 151220-8422-TB     |
| 24   | .925 (23.5)         | .152 (3.86) | .118 (3.0) | 3M1124-ND                | 1.76          | 1.34 | 1.22 | 151224-8422-TB     |
| 40   | 1.556 (39.5)        | .152 (3.86) | .118 (3.0) | 3M1140-ND                | 2.41          | 1.84 | 1.66 | 151240-8422-TB     |
| 44   | 1.714 (43.5)        | .152 (3.86) | .118 (3.0) | 3M1144-ND                | 2.59          | 1.97 | 1.79 | 151244-8422-TB     |
| 50   | 1.950 (49.5)        | .152 (3.86) | .118 (3.0) | 3M1150-ND                | 2.85          | 2.17 | 1.97 | 151250-8422-TB     |
| 60   | 2.344 (59.5)        | .152 (3.86) | .118 (3.0) | 3M1160-ND                | 3.29          | 2.51 | 2.27 | 151260-8422-TB     |
| <b>Verticale (noire) — Conforme à RoHS</b>           |                     |             |            |                          |               |      |      |                    |
| 8  | .295 (7.5)          | .152 (3.86) | .118 (3.0) | 3M1408-ND                | .78           | .59  | .54  | 151208-8422-RB     |
| 8  | .295 (7.5)          | .152 (3.86) | .059 (1.5) | 3M5353-ND                | 1.41          | 1.08 | .97  | 151208-8421-RB     |
| 10   | .374 (9.5)          | .152 (3.86) | .118 (3.0) | 3M1410-ND                | .85           | .65  | .59  | 151210-8422-RB     |
| 10   | .374 (9.5)          | .130 (3.30) | .118 (3.0) | 3M5356-ND                | .85           | .65  | .59  | 151210-8322-RB     |
| 12   | .453 (11.5)         | .152 (3.86) | .118 (3.0) | 3M1412-ND                | .93           | .71  | .65  | 151212-8422-RB     |
| 14   | .531 (13.5)         | .152 (3.86) | .118 (3.0) | 3M5358-ND                | 1.02          | .78  | .71  | 151214-8422-RB     |
| 16   | .611 (15.5)         | .152 (3.86) | .118 (3.0) | 3M5362-ND                | 1.13          | .86  | .78  | 151216-8422-RB     |
| 20   | .768 (19.5)         | .152 (3.86) | .118 (3.0) | 3M1420-ND                | 1.25          | .96  | .86  | 151220-8422-RB     |
| 20   | .768 (19.5)         | .130 (3.30) | .059 (1.5) | 3M5365-ND                | 1.92          | 1.46 | 1.33 | 151220-8321-RB     |
| 20   | .768 (19.5)         | .130 (3.30) | .118 (3.0) | 3M5366-ND                | 1.25          | .96  | .86  | 151220-8322-RB     |
| 24   | .925 (23.5)         | .152 (3.86) | .118 (3.0) | 3M1424-ND                | 1.45          | 1.10 | 1.00 | 151224-8422-RB     |
| 26   | 1.005 (25.5)        | .130 (3.30) | .118 (3.0) | 3M5370-ND                | 1.52          | 1.16 | 1.05 | 151226-8322-RB     |
| 30   | 1.162 (29.5)        | .152 (3.86) | .118 (3.0) | 3M1430-ND                | 1.66          | 1.26 | 1.14 | 151230-8422-RB     |
| 40   | 1.556 (39.5)        | .152 (3.86) | .118 (3.0) | 3M1440-ND                | 1.97          | 1.50 | 1.36 | 151240-8422-RB     |
| 40   | 1.556 (39.5)        | .130 (3.30) | .118 (3.0) | 3M5373-ND                | 1.97          | 1.50 | 1.36 | 151240-8322-RB     |
| 44   | 1.714 (43.5)        | .152 (3.86) | .118 (3.0) | 3M1444-ND                | 2.13          | 1.62 | 1.47 | 151244-8422-RB     |
| 44   | 1.714 (43.5)        | .130 (3.30) | .118 (3.0) | 3M5375-ND                | 2.13          | 1.62 | 1.47 | 151244-8322-RB     |
| 50   | 1.950 (49.5)        | .152 (3.86) | .118 (3.0) | 3M1450-ND                | 2.35          | 1.78 | 1.62 | 151250-8422-RB     |
| 50   | 1.950 (49.5)        | .130 (3.30) | .118 (3.0) | 3M5377-ND                | 2.35          | 1.78 | 1.62 | 151250-8322-RB     |
| 60   | 2.344 (59.5)        | .152 (3.86) | .118 (3.0) | 3M5381-ND                | 2.71          | 2.07 | 1.87 | 151260-8422-RB     |
| <b>À angle droit (naturelle)</b>                     |                     |             |            |                          |               |      |      |                    |
| 8  | .295 (7.5)          | .152 (3.86) | .118 (3.0) | 3M1208-ND                | .62           | .47  | .43  | 151208-7422-TB     |
| 10   | .374 (9.5)          | .152 (3.86) | .118 (3.0) | 3M1210-ND                | .69           | .53  | .48  | 151210-7422-TB     |
| 12   | .453 (11.5)         | .152 (3.86) | .118 (3.0) | 3M1212-ND                | .75           | .58  | .53  | 151212-7422-TB     |
| 20   | .768 (19.5)         | .152 (3.86) | .118 (3.0) | 3M1220-ND                | 1.04          | .79  | .72  | 151220-7422-TB     |
| 24   | .925 (23.5)         | .152 (3.86) | .118 (3.0) | 3M1224-ND                | 1.18          | .90  | .82  | 151224-7422-TB     |
| 30   | 1.162 (29.5)        | .152 (3.86) | .118 (3.0) | 3M1230-ND                | 1.37          | 1.05 | .95  | 151230-7422-TB     |
| 50   | 1.950 (49.5)        | .152 (3.86) | .118 (3.0) | 3M1250-ND                | 2.05          | 1.56 | 1.41 | 151250-7422-TB     |
| <b>À angle droit (noire) — Conforme à RoHS</b>       |                     |             |            |                          |               |      |      |                    |
| 8  | .295 (7.5)          | .152 (3.86) | .118 (3.0) | 3M1508-ND                | .54           | .42  | .38  | 151208-7422-RB     |
| 10   | .374 (9.5)          | .152 (3.86) | .118 (3.0) | 3M1510-ND                | .60           | .46  | .42  | 151210-7422-RB     |
| 10   | .374 (9.5)          | .130 (3.30) | .118 (3.0) | 3M5355-ND                | .85           | .65  | .59  | 151210-7322-RB     |
| 12   | .453 (11.5)         | .152 (3.86) | .118 (3.0) | 3M1512-ND                | .67           | .51  | .47  | 151212-7422-RB     |
| 12   | .453 (11.5)         | .130 (3.30) | .118 (3.0) | 3M5357-ND                | .69           | .53  | .48  | 151212-7322-RB     |
| 16   | .611 (15.5)         | .152 (3.86) | .118 (3.0) | 3M5361-ND                | .74           | .57  | .51  | 151216-7422-RB     |
| 18   | .689 (17.5)         | .130 (3.30) | .118 (3.0) | 3M5363-ND                | .88           | .67  | .61  | 151218-7322-RB     |
| 20   | .768 (19.5)         | .152 (3.86) | .118 (3.0) | 3M1520-ND                | .95           | .73  | .66  | 151220-7422-RB     |
| 24   | .925 (23.5)         | .152 (3.86) | .118 (3.0) | 3M1524-ND                | 1.22          | .93  | .84  | 151224-7422-RB     |
| 26   | 1.005 (25.5)        | .152 (3.86) | .118 (3.0) | 3M5369-ND                | 1.32          | 1.01 | .91  | 151226-7422-RB     |
| 30   | 1.162 (29.5)        | .152 (3.86) | .118 (3.0) | 3M1530-ND                | 1.13          | .86  | .78  | 151230-7422-RB     |
| 32   | 1.240 (31.5)        | .130 (3.30) | .118 (3.0) | 3M5371-ND                | 1.29          | .98  | .89  | 151232-7322-RB     |
| 36   | 1.398 (35.5)        | .130 (3.30) | .118 (3.0) | 3M5372-ND                | 1.39          | 1.06 | .96  | 151236-7322-RB     |
| 40   | 1.556 (39.5)        | .152 (3.86) | .118 (3.0) | 3M1540-ND                | 1.76          | 1.34 | 1.22 | 151240-7422-RB     |
| 44   | 1.714 (43.5)        | .152 (3.86) | .118 (3.0) | 3M1544-ND                | 1.60          | 1.22 | 1.11 | 151244-7422-RB     |
| 44   | 1.714 (43.5)        | .152 (3.86) | .059 (1.5) | 3M5374-ND                | 2.29          | 1.74 | 1.58 | 151244-7421-RB     |
| 50   | 1.950 (49.5)        | .152 (3.86) | .118 (3.0) | 3M1550-ND                | 1.76          | 1.34 | 1.22 | 151250-7422-RB     |
| 60   | 2.344 (59.5)        | .152 (3.86) | .118 (3.0) | 3M2360-ND                | 2.01          | 1.53 | 1.39 | 151260-7422-RB     |
| <b>Montage sur surface (noire) — Conforme à RoHS</b> |                     |             |            |                          |               |      |      |                    |
| 4  | .139 (3.5)          | .130 (3.30) | —          | 3M5350-ND                | .57           | .43  | .39  | 151204-2320-RB     |
| 8  | .295 (7.5)          | .130 (3.30) | —          | 3M5351CT-ND†             | 1.55          | 1.18 | —    | 151208-2320-RB-WB  |
| 8  | .295 (7.5)          | .152 (3.86) | —          | 3M5352CT-ND†             | 1.63          | 1.25 | —    | 151208-2420-RB-WB  |
| 8  | .295 (7.5)          | .152 (3.86) | —          | 3M5352TR-ND◊             | 281.61/250    | —    | —    | 151208-2420-RB-WB  |
| 10   | .374 (9.5)          | .152 (3.86) | —          | 3M5354CT-ND†             | 1.71          | 1.30 | —    | 151210-2420-RB-WB  |
| 10   | .374 (9.5)          | .152 (3.86) | —          | 3M5354TR-ND◊             | 293.72/250    | —    | —    | 151210-2420-RB-WB  |
| 16   | .611 (15.5)         | .130 (3.30) | —          | 3M5359-ND                | 1.13          | .86  | .78  | 151216-2320-RB     |
| 16   | .611 (15.5)         | .152 (3.86) | —          | 3M5360-ND                | 1.13          | .86  | .78  | 151216-2420-RB     |
| 16   | .611 (15.5)         | .152 (3.86) | —          | 3M5360CT-ND†             | 1.80          | 1.37 | —    | 151216-2420-RB-WC  |
| 16   | .611 (15.5)         | .152 (3.86) | —          | 3M5360TR-ND◊             | 308.86/250    | —    | —    | 151216-2420-RB-WC  |
| 20   | .768 (19.5)         | .152 (3.86) | —          | 3M5364-ND                | 1.25          | .96  | .86  | 151220-2420-RB     |
| 22   | .847 (21.5)         | .152 (3.86) | —          | 3M5367-ND                | 1.16          | .89  | .80  | 151222-2420-RB     |
| 26   | 1.005 (25.5)        | .152 (3.86) | —          | 3M5368CT-ND†             | 1.96          | 1.49 | —    | 151226-2420-RB-WD  |
| 26   | 1.005 (25.5)        | .152 (3.86) | —          | 3M5368TR-ND◊             | 336.12/250    | —    | —    | 151226-2420-RB-WD  |
| 50   | 1.95 (49.5)         | .152 (3.86) | —          | 3M5376CT-ND†             | 2.79          | 2.12 | —    | 151250-2420-RB-WF  |
| 50   | 1.95 (49.5)         | .152 (3.86) | —          | 3M5376TR-ND◊             | 956.86/500    | —    | —    | 151250-2420-RB-WF  |
| 60   | 2.344 (59.5)        | .130 (3.30) | —          | 3M5378-ND                | 2.71          | 2.07 | 1.87 | 151260-2320-RB     |
| 60   | 2.344 (59.5)        | .152 (3.86) | —          | 3M5379-ND                | 2.71          | 2.07 | 1.87 | 151260-2420-RB     |

† Bande coupée ◊ Bande et bobine

# Supports à montage sur carte de 2 x 2 mm



**Caractéristiques :** • Diélectrique haute température • Compatible avec soudage par refusion • Compatible normes industrielles • Minimise hauteurs cartes CI pour empilage • Dispositif de juxtaposition longitudinale • Dispositif de juxtaposition latérale **Caractéristiques physiques :** • Matériau de l'isolant : polyester renforcé à la fibre de verre (PCT) • Repérage : triangle d'orientation et logo 3M • Matériau des contacts : cuivre au béryllium ou alliage de cuivre • Placage des contacts : or 30 µ" • Queues à souder : 200 µ" étain/plomb (conforme à RoHS : étain mat 300 µ") • Sous-placage : 50 µ à 150" nickel global **Spécifications électriques :** Courant nominal : 1 A • Résistance d'isolement : > 1 x 10<sup>9</sup> Ω à 250 V c.c. • **Tension de tenue :** 500 V c.c. au niveau de la mer • **Spécifications environnementales :** • Température de fonctionnement : -55 à 105 °C

| Nb. de positions                           | Dim. en pouces (mm) |   | N° de référence Digi-Key | Prix unitaire |      |      | N° de référence 3M |
|--|---------------------|---|--------------------------|---------------|------|------|--------------------|
|  | A                   | B |                          | 1             | 100  | 500  |                    |
| <b>Verticale (naturelle)</b>               |                     |   |                          |               |      |      |                    |
| 8  | .310 (8.0)          | — | 3M1008-ND                | 1.86          | 1.42 | 1.29 | 150208-6002-TB     |
| 10   | .388 (10.0)         | — | 3M1010-ND                | 1.94          | 1.48 | 1.34 | 150210-6002-TB     |
| 20   | .782 (20.0)         | — | 3M1020-ND                | 2.29          | 1.74 | 1.58 | 150220-6002-TB     |
| 24   | .940 (24.0)         | — | 3M1024-ND                | 2.43          | 1.85 | 1.68 | 150224-6002-TB     |
| 30   | 1.176 (30.0)        | — | 3M1030-ND                | 2.63          | 2.00 | 1.81 | 150230-6002-TB     |
| 40   | 1.570 (40.0)        | — | 3M1040-ND                | 2.96          | 2.25 | 2.04 | 150240-6002-TB     |
| 44   | 1.727 (44.0)        | — | 3M1044-ND                | 3.12          | 2.37 | 2.15 | 150244-6002-TB     |
| 50   | 1.964 (50.0)        | — | 3M1050-ND                | 3.31          | 2.52 | 2.28 | 150250-6002-TB     |
| <b>Verticale (noire) — Conforme à RoHS</b> |                     |   |                          |               |      |      |                    |
| 4  | .156 (4.0)          | — | 3M5301-ND                | 1.30          | 1.00 | .90  | 150204-6002-RB     |
| 6  | .231 (6.0)          | — | 3M5303-ND                | 1.39          | 1.06 | .96  | 150206-6001-RB     |
| 6  | .231 (6.0)          | — | 3M5304-ND                | 1.37          | 1.05 | .95  | 150206-6002-RB     |
| 8  | .310 (8.0)          | — | 3M1308-ND                | 1.39          | 1.06 | .96  | 150208-6002-RB     |
| 10   | .389 (10.0)         | — | 3M1310-ND                | 1.45          | 1.10 | 1.00 | 150210-6002-RB     |
| 12   | .467 (12.0)         | — | 3M1312-ND                | 1.50          | 1.14 | 1.03 | 150212-6002-RB     |
| 14   | .546 (14.0)         | — | 3M5308-ND                | 1.55          | 1.18 | 1.07 | 150214-6002-RB     |
| 16   | .625 (16.0)         | — | 3M5311-ND                | 1.58          | 1.21 | 1.09 | 150216-6002-RB     |
| 18   | .704 (18.0)         | — | 3M5312-ND                | 1.63          | 1.25 | 1.13 | 150218-6002-RB     |
| 20   | .782 (20.0)         | — | 3M1320-ND                | 1.71          | 1.30 | 1.18 | 150220-6002-RB     |
| 24   | .940 (24.0)         | — | 3M1324-ND                | 1.81          | 1.38 | 1.25 | 150224-6002-RB     |
| 26   | 1.019 (26.0)        | — | 3M5321-ND                | 1.85          | 1.41 | 1.28 | 150226-6002-RB     |
| 28   | 1.097 (28.0)        | — | 3M5322-ND                | 1.85          | 1.41 | 1.28 | 150228-6002-RB     |
| 30   | 1.176 (30.0)        | — | 3M1330-ND                | 1.96          | 1.49 | 1.35 | 150230-6002-RB     |
| 32   | 1.255 (32.0)        | — | 3M5325-ND                | 2.01          | 1.53 | 1.39 | 150232-6002-RB     |
| 34   | 1.334 (34.0)        | — | 3M5328-ND                | 2.06          | 1.57 | 1.42 | 150234-6002-RB     |
| 40   |                     |   |                          |               |      |      |                    |