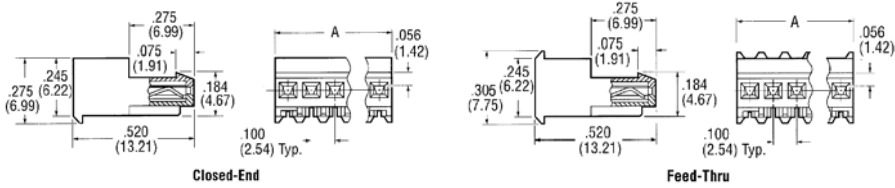


MTA-100 IDC Receptacles — .100" Centers



**Housing:** Color coded translucent thermoplastic. 28 AWG — green, 26 AWG — blue, 24 AWG — white, and 22 AWG — red. UL94V-2 rated. **Contacts:** Tin-plated phosphor bronze.

| Closed-End Without Polarizing Tab |             |             |                   |       |         |
|-----------------------------------|-------------|-------------|-------------------|-------|---------|
| 28 AWG — Green                    |             |             |                   |       |         |
| Stock No.                         | Mfr.'s Type | No. of Pos. | Dimension A — In. | EACH  |         |
|                                   |             |             |                   | 1-499 | 500-999 |
| 512-3200                          | 640443-2    | 2           | 0.200             | .15   | .10     |
| 512-3201                          | 640443-3    | 3           | 0.300             | .18   | .13     |
| 512-3202                          | 640443-4    | 4           | 0.400             | .23   | .16     |
| 512-3204                          | 640443-5    | 5           | 0.500             | .26   | .19     |
| 512-3203                          | 640443-6    | 6           | 0.600             | .33   | .24     |
| 512-3205                          | 640443-7    | 7           | 0.700             | .23   | .18     |
| 512-3206                          | 640443-8    | 8           | 0.800             | .30   | .25     |
| 512-3488                          | 640443-9    | 9           | 0.900             | .84   | .70     |
| 512-3208                          | 1-640443-0  | 10          | 1.000             | .35   | .32     |
| 512-3490                          | 1-640443-2  | 12          | 1.200             | .45   | .41     |
| 512-3493                          | 1-640443-4  | 14          | 1.400             | 1.46  | 1.31    |

| 26 AWG — Blue |            |    |       |      |      |
|---------------|------------|----|-------|------|------|
| 512-3210      | 640442-2   | 2  | 0.200 | .15  | .10  |
| 512-3211      | 640442-3   | 3  | 0.300 | .10  | .09  |
| 512-3212      | 640442-4   | 4  | 0.400 | .15  | .13  |
| 512-3213      | 640442-5   | 5  | 0.500 | .18  | .16  |
| 512-3214      | 640442-6   | 6  | 0.600 | .21  | .19  |
| 512-3461      | 640442-7   | 7  | 0.700 | .25  | .22  |
| 512-3216      | 640442-8   | 8  | 0.800 | .28  | .25  |
| 512-3485      | 640442-9   | 9  | 0.900 | .84  | .70  |
| 512-3218      | 1-640442-0 | 10 | 1.000 | .35  | .32  |
| 512-3219      | 1-640442-2 | 12 | 1.200 | .45  | .41  |
| 512-3487      | 1-640442-3 | 13 | 1.300 | 1.22 | 1.01 |
| 512-3220      | 1-640442-4 | 14 | 1.400 | 1.31 | 1.09 |

| 24 AWG — White |            |    |       |      |      |
|----------------|------------|----|-------|------|------|
| 512-3221       | 640441-2   | 2  | 0.200 | .15  | .10  |
| 512-3222       | 640441-3   | 3  | 0.300 | .17  | .11  |
| 512-3223       | 640441-4   | 4  | 0.400 | .10  | .09  |
| 512-3224       | 640441-5   | 5  | 0.500 | .27  | .20  |
| 512-3225       | 640441-6   | 6  | 0.600 | .33  | .24  |
| 512-3226       | 640441-7   | 7  | 0.700 | .24  | .20  |
| 512-3227       | 640441-8   | 8  | 0.800 | .27  | .21  |
| 512-3228       | 640441-9   | 9  | 0.900 | .67  | .60  |
| 512-3229       | 1-640441-0 | 10 | 1.000 | .76  | .41  |
| 512-3448       | 1-640441-1 | 11 | 1.100 | 1.03 | .86  |
| 512-3231       | 1-640441-2 | 12 | 1.200 | .45  | .41  |
| 512-3449       | 1-640441-3 | 13 | 1.300 | 1.33 | 1.19 |
| 512-3232       | 1-640441-4 | 14 | 1.400 | 1.46 | 1.31 |
| 512-3233       | 1-640441-5 | 15 | 1.500 | .74  | .67  |
| 512-3235       | 2-640441-0 | 20 | 2.000 | 1.93 | 1.73 |

| 22 AWG — Red |            |    |       |      |      |
|--------------|------------|----|-------|------|------|
| 512-3237     | 640440-2   | 2  | 0.200 | .15  | .10  |
| 512-3238     | 640440-3   | 3  | 0.300 | .17  | .11  |
| 512-3239     | 640440-4   | 4  | 0.400 | .26  | .19  |
| 512-3240     | 640440-5   | 5  | 0.500 | .33  | .24  |
| 512-3241     | 640440-6   | 6  | 0.600 | .35  | .25  |
| 512-3242     | 640440-7   | 7  | 0.700 | .23  | .20  |
| 512-3243     | 640440-8   | 8  | 0.800 | .27  | .22  |
| 512-3244     | 640440-9   | 9  | 0.900 | .35  | .32  |
| 512-3245     | 1-640440-0 | 10 | 1.000 | .34  | .26  |
| 512-3246     | 1-640440-1 | 11 | 1.100 | 1.14 | 1.03 |
| 512-3247     | 1-640440-2 | 12 | 1.200 | .43  | .34  |
| 512-3443     | 1-640440-3 | 13 | 1.300 | 1.35 | 1.22 |
| 512-3248     | 1-640440-4 | 14 | 1.400 | .58  | .49  |
| 512-3249     | 1-640440-5 | 15 | 1.500 | .74  | .67  |
| 512-3250     | 1-640440-6 | 16 | 1.600 | .83  | .71  |
| 512-3251     | 1-640440-8 | 18 | 1.800 | 1.86 | 1.02 |
| 512-3253     | 2-640440-0 | 20 | 2.000 | 2.06 | 1.14 |

| LED* Closed-End Without Tabs |             |             |          |                 |       |         |
|------------------------------|-------------|-------------|----------|-----------------|-------|---------|
| Stock No.                    | Mfr.'s Type | No. of Pos. | Wire AWG | Dimension A—In. | EACH  |         |
|                              |             |             |          |                 | 1-499 | 500-999 |
| 512-3657                     | 641535-2    | 2           | 24       | 0.200           | .08   | .07     |
| 512-3653                     | 641534-2    | 2           | 22       | 0.200           | .08   | .07     |
| 512-3655                     | 641534-3    | 3           | 22       | 0.300           | .09   | .08     |

\*LED connectors are designed to mate with .014-.020 (0.36-0.51) diameter posts or square leads.

| Feed-Thru Without Polarizing Tabs |             |             |                   |       |         |
|-----------------------------------|-------------|-------------|-------------------|-------|---------|
| 28 AWG — Green                    |             |             |                   |       |         |
| Stock No.                         | Mfr.'s Type | No. of Pos. | Dimension A — In. | EACH  |         |
|                                   |             |             |                   | 1-499 | 500-999 |
| 512-3627                          | 640623-2    | 2           | 0.200             | .12   | .11     |
| 512-3629                          | 640623-3    | 3           | 0.300             | .13   | .12     |
| 512-3631                          | 640623-4    | 4           | 0.400             | .15   | .14     |
| 512-3633                          | 640623-5    | 5           | 0.500             | .20   | .18     |
| 512-3635                          | 640623-6    | 6           | 0.600             | .21   | .19     |
| 512-3639                          | 640623-8    | 8           | 0.800             | .28   | .25     |
| 512-3643                          | 1-640623-0  | 10          | 1.000             | .35   | .32     |

| 26 AWG — Blue |            |    |       |     |     |
|---------------|------------|----|-------|-----|-----|
| 512-3598      | 640622-2   | 2  | 0.200 | .13 | .11 |
| 512-3599      | 640622-3   | 3  | 0.300 | .14 | .13 |
| 512-3601      | 640622-4   | 4  | 0.400 | .15 | .14 |
| 512-3603      | 640622-5   | 5  | 0.500 | .20 | .18 |
| 512-3605      | 640622-6   | 6  | 0.600 | .21 | .19 |
| 512-3609      | 640622-8   | 8  | 0.800 | .28 | .25 |
| 512-3617      | 1-640622-0 | 10 | 1.000 | .94 | .85 |

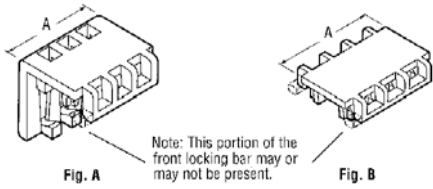
| 24 AWG — White |            |    |       |      |      |
|----------------|------------|----|-------|------|------|
| 512-3572       | 640621-2   | 2  | 0.200 | .13  | .11  |
| 512-3578       | 640621-3   | 3  | 0.300 | .13  | .12  |
| 512-3586       | 640621-4   | 4  | 0.400 | .15  | .14  |
| 512-3588       | 640621-5   | 5  | 0.500 | .20  | .18  |
| 512-3589       | 640621-6   | 6  | 0.600 | .21  | .19  |
| 512-3590       | 640621-7   | 7  | 0.700 | .25  | .22  |
| 512-3591       | 640621-8   | 8  | 0.800 | .28  | .25  |
| 512-3592       | 640621-9   | 9  | 0.900 | 1.20 | 1.00 |
| 512-3593       | 1-640621-0 | 10 | 1.000 | .32  | .26  |
| 512-3597       | 1-640621-4 | 14 | 1.400 | 1.31 | 1.09 |

| 22 AWG — Red |            |    |       |      |      |
|--------------|------------|----|-------|------|------|
| 512-3499     | 640620-2   | 2  | 0.200 | .13  | .11  |
| 512-3541     | 640620-3   | 3  | 0.300 | .13  | .12  |
| 512-3543     | 640620-4   | 4  | 0.400 | .15  | .14  |
| 512-3553     | 640620-5   | 5  | 0.500 | .20  | .18  |
| 512-3554     | 640620-6   | 6  | 0.600 | .21  | .19  |
| 512-3555     | 640620-7   | 7  | 0.700 | .25  | .22  |
| 512-3556     | 640620-8   | 8  | 0.800 | .28  | .25  |
| 512-3558     | 1-640620-0 | 10 | 1.000 | .35  | .32  |
| 512-3564     | 1-640620-2 | 12 | 1.200 | .45  | .41  |
| 512-3566     | 1-640620-3 | 13 | 1.300 | 1.22 | 1.01 |
| 512-3571     | 1-640620-4 | 14 | 1.400 | 1.31 | 1.09 |

| LED* Feed-Thru Without Tab |             |             |          |                 |       |         |
|----------------------------|-------------|-------------|----------|-----------------|-------|---------|
| Stock No.                  | Mfr.'s Type | No. of Pos. | Wire AWG | Dimension A—In. | EACH  |         |
|                            |             |             |          |                 | 1-499 | 500-999 |
| 512-3671                   | 641655-2    | 2           | 26       | 0.200           | .13   | .11     |

MTA-100 Accessories

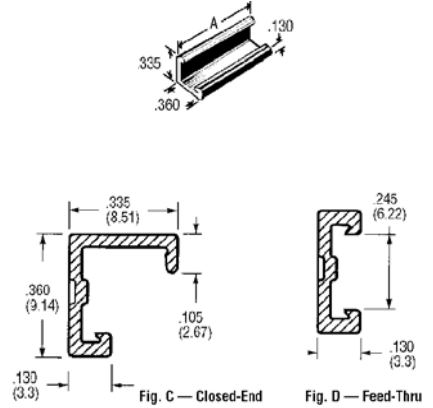
Strain Reliefs



| Closed End Strain Relief — Fig. A |             |             |                   |       |         |
|-----------------------------------|-------------|-------------|-------------------|-------|---------|
| Stock No.                         | Mfr.'s Type | No. of Pos. | Dimension A — In. | EACH  |         |
|                                   |             |             |                   | 1-499 | 500-999 |
| 512-3273                          | 643075-2    | 2           | 0.200             | .23   | .20     |
| 512-3274                          | 643075-3    | 3           | 0.300             | .75   | .68     |
| 512-3275                          | 643075-4    | 4           | 0.400             | .25   | .22     |
| 512-3276                          | 643075-5    | 5           | 0.500             | .27   | .24     |
| 512-3277                          | 643075-6    | 6           | 0.600             | .24   | .21     |
| 512-3278                          | 643075-7    | 7           | 0.700             | .74   | .62     |
| 512-3279                          | 643075-8    | 8           | 0.800             | .28   | .25     |
| 512-8863                          | 643075-9    | 9           | 0.900             | .75   | .62     |
| 512-3280                          | 1-643075-0  | 10          | 1.000             | .83   | .75     |
| 512-3675                          | 1-643075-1  | 11          | 1.100             | .75   | .63     |
| 512-3281                          | 1-643075-2  | 12          | 1.200             | .75   | .63     |
| 512-3676                          | 1-643075-3  | 13          | 1.300             | .75   | .68     |
| 512-3677                          | 1-643075-4  | 14          | 1.400             | .76   | .63     |

| Feed-Thru Strain Relief — Fig. B |            |    |       |     |     |
|----------------------------------|------------|----|-------|-----|-----|
| 512-3681                         | 643077-2   | 2  | 0.200 | .34 | .31 |
| 512-3683                         | 643077-3   | 3  | 0.300 | .31 | .28 |
| 512-3692                         | 643077-4   | 4  | 0.400 | .41 | .37 |
| 512-3694                         | 643077-5   | 5  | 0.500 | .51 | .46 |
| 512-3702                         | 643077-6   | 6  | 0.600 | .56 | .51 |
| 512-8884                         | 643077-8   | 8  | 0.800 | .60 | .54 |
| 512-3711                         | 643077-9   | 9  | 0.900 | .74 | .67 |
| 512-3717                         | 1-643077-0 | 10 | 1.000 | .75 | .62 |
| 512-3719                         | 1-643077-2 | 12 | 1.200 | .75 | .63 |

Dust Covers



| Closed End Dust Covers — Fig. C |            |    |       |     |     |
|---------------------------------|------------|----|-------|-----|-----|
| 512-3295                        | 640550-2   | 2  | 0.200 | .08 | .08 |
| 512-3283                        | 640550-3   | 3  | 0.300 | .08 | .07 |
| 512-3284                        | 640550-4   | 4  | 0.400 | .08 | .07 |
| 512-3285                        | 640550-5   | 5  | 0.500 | .09 | .08 |
| 512-3286                        | 640550-6   | 6  | 0.600 | .15 | .13 |
| 512-3287                        | 640550-7   | 7  | 0.700 | .21 | .19 |
| 512-3288                        | 640550-8   | 8  | 0.800 | .12 | .11 |
| 512-3289                        | 640550-9   | 9  | 0.900 | .24 | .20 |
| 512-3290                        | 1-640550-0 | 10 | 1.000 | .14 | .12 |
| 512-3678                        | 1-640550-1 | 11 | 1.100 | .26 | .22 |
| 512-3291                        | 1-640550-2 | 12 | 1.200 | .29 | .24 |
| 512-3292                        | 1-640550-4 | 14 | 1.400 | .35 | .30 |

| Feed-Thru Dust Covers — Fig. D |          |   |       |     |     |
|--------------------------------|----------|---|-------|-----|-----|
| 512-3733                       | 640642-5 | 5 | 0.500 | .17 | .12 |
| 512-3734                       | 640642-6 | 6 | 0.600 | .18 | .14 |
| 512-3741                       | 640642-8 | 8 | 0.800 | .21 | .17 |

Keying Plug on Carrier Strip — 10 pc. Strip  
512-3294, 641994-1.....PER STRIP .05

| Replacement IDC Contacts — Tin Plated |             |          |       |         |
|---------------------------------------|-------------|----------|-------|---------|
| Stock No.                             | Mfr.'s Type | Wire AWG | EACH  |         |
|                                       |             |          | 1-499 | 500-999 |
| 512-4911                              | 640638-2    | 26       | .06   | .05     |
| 512-4903                              | 640637-1    | 24       | .06   | .05     |
| 512-4905                              | 640636-1    | 22       | .06   | .05     |