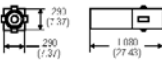


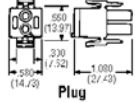
Panel Mount

1 Circuit Free-Hanging



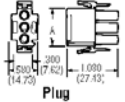
Plug

2 Circuit



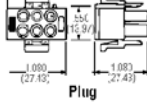
Plug

3, 4, 5 and 8 Circuit



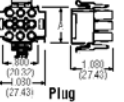
Plug

6 Circuit



Plug

9, 12 and 15 Circuit



Plug



Cap



Cap



Cap



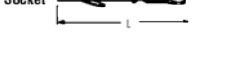
Cap



Cap



Socket



- Innumerable Keying Combinations
- Pins and Sockets Can Be Intermixed In The Same Housing
- Positive Polarization
- Rear Cavity Identification
- Pin or Socket Contact Can Be Hot
- Positive Locking Housings
- Insulation Capability To .200 (5.08) Diameter
- Removable, Crimp Snap-In Contacts
- Low Contact Mating Force

- Harness to PC Board Capability Using Pin or Socket Header Assemblies
- Contacts are on .250 (6.35) Centerline Spacing
- Recognized Under Component Program of Underwriters Laboratories Inc. File No. E28476
- CSA Certified File No. LR 7189
- Tested By VDE Under Their Test Report #14397-1431-1003
- Rated for 600 VAC or DC
- Not Recommended For Interrupting Current
- Dual Locking Lances Provide Optimum Contact Stability

Universal Pins and Sockets

Can be used in either plug or cap housings. Pin Dia.: .084" (2.13 mm).

Pre-Tinned Brass

| Stock No. | Mfr.'s Type | Style         | Ins. Dia. Range (In.) | Dimension L Inches (mm) | PK./100 |      |
|-----------|-------------|---------------|-----------------------|-------------------------|---------|------|
|           |             |               |                       |                         | 1-4     | 5-9  |
| 512-1303† | 350690-1    | Pin           | .040-.100             | 0.790                   | 7.37    | 6.63 |
| 512-1304† | 350689-1    | Socket        | .040-.100             | 0.760                   | 7.30    | 6.57 |
| 512-3028† | 350706-1    | Split Pin     | .040-.100             | 0.790                   | 8.18    | 7.29 |
| 512-3030* | 350547-1    | Pin           | .060-.130             | 0.790                   | 7.21    | 6.49 |
| 512-3035* | 350550-1    | Socket        | .060-.130             | 0.760                   | 6.91    | 6.22 |
| 512-3045* | 350552-1    | Pin           | .130-.200             | 0.810                   | 9.07    | 8.16 |
| 512-3040* | 350551-1    | Socket        | .130-.200             | 0.780                   | 9.57    | 8.61 |
| 512-1307* | 350705-1    | Split Pin     | .060-.130             | 0.790                   | 7.82    | 7.04 |
| 512-1308* | 350669-1    | Grounding Pin | .060-.130             | 0.890                   | 9.22    | 8.38 |

†24-18 AWG. \*20-14 AWG.

Brass with Gold Finish

|           |          |        |           |       |       |       |
|-----------|----------|--------|-----------|-------|-------|-------|
| 512-3170† | 350690-2 | Pin    | .040-.100 | 0.790 | 61.54 | 54.30 |
| 512-3175† | 350689-2 | Socket | .040-.100 | 0.760 | 63.06 | 56.75 |
| 512-3180* | 350547-2 | Pin    | .060-.130 | 0.790 | 65.48 | 58.94 |
| 512-3185* | 350550-2 | Socket | .060-.130 | 0.760 | 63.74 | 57.36 |

†24-18 AWG. \*20-14 AWG.

Keying Plug

Snaps into plug or cap housing.

| Stock No. | Mfr.'s Type | Description                          | EACH  |         |           |
|-----------|-------------|--------------------------------------|-------|---------|-----------|
|           |             |                                      | 1-499 | 500-999 | 1000-2499 |
| 512-3043  | 1-640415-1  | Natural color, UL 94V-2 rated, Nylon | .26   | .24     | .20       |
| 512-3044  | 1-640415-0  | White color, UL 94V-0 rated, Nylon   | .27   | .25     | .20       |

| Stock No. | Mfr.'s Type | No. of Circuits | Dimension A Inches (mm) | EACH  |         |           |
|-----------|-------------|-----------------|-------------------------|-------|---------|-----------|
|           |             |                 |                         | 1-499 | 500-999 | 1000-2499 |
| 512-2995  | 1-350867-0  | 1               | —                       | .11   | .10     | .09       |
| 512-3000  | 1-480698-0  | 2               | —                       | .18   | .16     | .14       |
| 512-3002  | 1-480700-0  | 3               | 0.80 (20.32)            | .18   | .16     | .14       |
| 512-3005  | 1-480702-0  | 4               | 1.05 (26.67)            | .19   | .17     | .15       |
| 512-1417  | 1-480763-0  | 5               | 1.30 (33.02)            | .23   | .21     | .17       |
| 512-3010  | 1-480704-0  | 6               | —                       | .23   | .21     | .20       |
| 512-8632  | 640586-1    | 8†              | 2.05 (52.07)            | .51   | .46     | .38       |
| 512-3012  | 1-480706-0  | 9               | 0.80 (20.32)            | .25   | .23     | .19       |
| 512-3021  | 1-480708-0  | 12              | 1.05 (26.67)            | .29   | .27     | .22       |
| 512-3023  | 1-480710-0  | 15              | 1.30 (33.02)            | .43   | .39     | .32       |

Plugs — White Color UL 94V-0 Rated

|          |          |    |              |     |     |     |
|----------|----------|----|--------------|-----|-----|-----|
| 512-3051 | 350865-1 | 1  | —            | .31 | .28 | .23 |
| 512-3053 | 350777-1 | 2  | —            | .31 | .28 | .23 |
| 512-3056 | 350766-1 | 3  | 0.80 (20.32) | .30 | .27 | .22 |
| 512-3058 | 350779-1 | 4  | 1.05 (26.67) | .31 | .28 | .23 |
| 512-3061 | 350809-1 | 5  | 1.30 (33.02) | .33 | .30 | .25 |
| 512-3063 | 350715-1 | 6  | —            | .45 | .40 | .34 |
| 512-3066 | 350720-1 | 9  | 0.80 (20.32) | .39 | .35 | .29 |
| 512-3068 | 350735-1 | 12 | 1.05 (26.67) | .50 | .45 | .37 |
| 512-3071 | 350736-1 | 15 | 1.30 (33.02) | .64 | .57 | .48 |

†8 pos. in-line.

| Stock No. | Mfr.'s Type | No. of Circuits | Dimension A Inches (mm) | EACH  |         |           |
|-----------|-------------|-----------------|-------------------------|-------|---------|-----------|
|           |             |                 |                         | 1-499 | 500-999 | 1000-2499 |
| 512-2996  | 770421-1    | 1               | —                       | .11   | .10     | .09       |
| 512-3015  | 1-480699-0  | 2               | —                       | .18   | .16     | .14       |
| 512-3004  | 1-480701-0  | 3               | 0.80 (20.32)            | .18   | .16     | .14       |
| 512-3020  | 1-480703-0  | 4               | 1.05 (26.67)            | .18   | .16     | .14       |
| 512-1467  | 1-480764-0  | 5               | 1.30 (33.02)            | .26   | .23     | .20       |
| 512-3025  | 1-480705-0  | 6               | —                       | .21   | .19     | .16       |
| 512-1456  | 926308-1    | 8†              | 2.05 (52.07)            | 1.56  | 1.40    | 1.17      |
| 512-3022  | 1-480707-0  | 9               | 0.80 (20.32)            | .23   | .21     | .17       |
| 512-3024  | 1-480709-0  | 12              | 1.05 (26.67)            | .26   | .23     | .19       |
| 512-3026  | 1-480711-0  | 15              | 1.30 (33.02)            | .38   | .34     | .29       |

Caps — White Color UL 94V-0 Rated

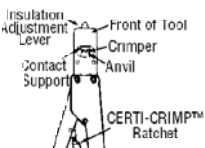
|          |          |    |              |     |     |     |
|----------|----------|----|--------------|-----|-----|-----|
| 512-3052 | 350866-1 | 1  | —            | .36 | .32 | .27 |
| 512-3054 | 350778-1 | 2  | —            | .35 | .32 | .27 |
| 512-3057 | 350767-1 | 3  | 0.80 (20.32) | .36 | .32 | .27 |
| 512-3059 | 350780-1 | 4  | 1.05 (26.67) | .40 | .36 | .30 |
| 512-3062 | 350810-1 | 5  | 1.30 (33.02) | .40 | .36 | .30 |
| 512-3064 | 350781-1 | 6  | —            | .39 | .35 | .30 |
| 512-3067 | 350782-1 | 9  | 0.80 (20.32) | .48 | .43 | .36 |
| 512-3069 | 350783-1 | 12 | 1.05 (26.67) | .59 | .53 | .44 |
| 512-3072 | 350784-1 | 15 | 1.30 (33.02) | .98 | .88 | .73 |

†8 pos. in-line.

Crimp Tools, Insertion/Extraction, and Service Tool

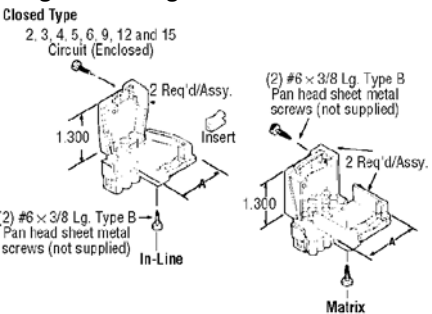
|           |             |                         |       |
|-----------|-------------|-------------------------|-------|
|           |             |                         |       |
| Stock No. | Mfr.'s Type | Description             | EACH  |
| 512-9160  | 455830-1    | Contact insertion tool  | 23.46 |
| 512-9196  | 318851-1    | Contact extraction tool | 49.88 |

CERTI-CRIMP™ and PRO-CRIMPER™ II Tools



| Stock No. | Mfr.'s Type | Description                                          | Tool Type      | EACH   |
|-----------|-------------|------------------------------------------------------|----------------|--------|
| 512-9006  | 90300-2     | For contacts on 24-18 AWG wire .040"-.100" ins. dia. | CERTI-CRIMP®   | 412.76 |
| 512-9007  | 90548-1     | For contacts on 24-18 AWG wire .040"-.100" ins. dia. | PRO-CRIMPER™II | 182.14 |
| 512-9008  | 90296-2     | For contacts on 20-14 AWG wire .060"-.130" ins. dia. | CERTI-CRIMP®   | 412.76 |
| 512-9009  | 90546-1     | For contacts on 20-14 AWG wire .060"-.130" ins. dia. | PRO-CRIMPER™II | 182.14 |
| 512-9012  | 90298-2     | For contacts on 20-18 AWG wire .130"-.200" ins. dia. | CERTI-CRIMP®   | 412.76 |
| 512-9013  | 90547-1     | For contacts on 20-18 AWG wire .130"-.200" ins. dia. | PRO-CRIMPER™II | 212.50 |
| 512-9014  | 90299-2     | For contacts on 16-14 AWG wire .130"-.200" ins. dia. | CERTI-CRIMP®   | 455.52 |

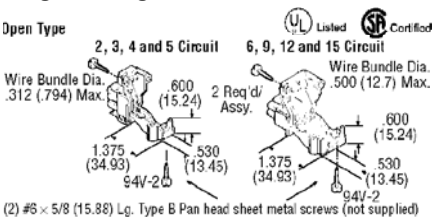
Plug or Housing Strain Reliefs



Strains Reliefs

Note: Two pieces are required for each strain relief assembly. If you order just 1 you will get 1/2 of a strain relief.

Plug Housing Strain Reliefs



Natural Nylon, UL 94V-2 Rated

| Stock No. | Mfr.'s Type | No. of Circuits | Dia. Range (In.) | EACH  |         |           |
|-----------|-------------|-----------------|------------------|-------|---------|-----------|
|           |             |                 |                  | 1-499 | 500-999 | 1000-2499 |
| 512-3078  | 1-640719-1  | 2               | .200-.350        | 1.11  | 1.00    | .84       |
| 512-3081  | 1-640720-0  | 3               | .040-.190        | 1.14  | 1.02    | .85       |
| 512-3083  | 641763-1    | 3               | .200-.350        | .88   | .79     | .66       |
| 512-3088  | 641775-2    | 4               | .200-.350        | .94   | .85     | .71       |
| 512-3104  | 643030-3    | 5               | .040-.190        | 1.16  | 1.05    | .87       |
| 512-3093  | 1-640721-0  | 6               | .120-.650        | .92   | .83     | .69       |
| 512-3098  | 1-640723-0  | 12              | .150-.750        | 1.13  | 1.03    | .94       |
| 512-3101  | 1-640724-0  | 15              | .200-.850        | 1.30  | 1.17    | .97       |

White Nylon, UL 94V-0 Rated

|          |          |    |           |      |      |      |
|----------|----------|----|-----------|------|------|------|
| 512-3077 | 640713-1 | 2  | .040-.190 | 1.12 | 1.02 | .94  |
| 512-3082 | 640714-1 | 3  | .040-.190 | .91  | .82  | .68  |
| 512-3084 | 641945-1 | 3  | .200-.350 | .79  | .71  | .59  |
| 512-3087 | 641776-1 | 4  | .040-.190 | 1.28 | 1.15 | .96  |
| 512-3089 | 641776-2 | 4  | .200-.350 | .86  | .77  | .64  |
| 512-3092 | 640715-1 | 6  | .120-.650 | .94  | .84  | .70  |
| 512-3094 | 640716-1 | 9  | .120-.650 | .97  | .88  | .73  |
| 512-3097 | 640717-1 | 12 | .150-.750 | 1.40 | 1.26 | 1.05 |
| 512-3099 | 640718-1 | 15 | .200-.850 | 1.08 | .97  | .81  |

Open type strain relief part numbers are for 1/2 of a strain relief. Two pieces are required for a strain relief assembly.

Natural Color, UL 94V-2 Rated, Nylon

| Stock No. | Mfr.'s Type | Description (Circuits) | EACH  |         |           |
|-----------|-------------|------------------------|-------|---------|-----------|
|           |             |                        | 1-499 | 500-999 | 1000-2499 |
| 512-3050  | 1-350589-0  | For 2, 3, 4 and 5      | .62   | .56     | .47       |
| 512-3055  | 1-350590-0  | For 6, 9, 12 and 15    | .56   | .50     | .42       |

White Color, UL 94V-0 Rated, Nylon

|          |          |                     |     |     |     |
|----------|----------|---------------------|-----|-----|-----|
| 512-3047 | 350811-1 | For 2, 3, 4 and 5   | .54 | .49 | .40 |
| 512-3048 | 350812-1 | For 6, 9, 12 and 15 | .79 | .71 | .60 |