

COMBINATION D-SUB WITH SIGNAL CONTACTS

Solder cup – Precision machined contacts – For wire size AWG 20

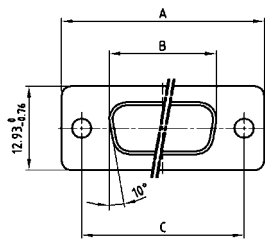


RoHS compliant – CSA listed, File No.: LR 115000-1 – UL listed, File No.: E 228329

DESCRIPTION

- Suitable for wire size AWG 20
- Mounting styles:
 - with through-hole, \varnothing .118" / 3 mm
 - with 4-40 UNC or M3 threaded insert
 - with floating mount
- Quality class 3 (also available in quality class 1)
- Shell: Steel tin plated
(brass tin plated or stainless steel available on request)
- recommended plastic hoods look at page 7 | 16, 7 | 17

SOCKET CONNECTOR

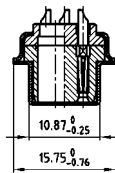


| Shellsize | A -0.76 | B -0.25 | C |
|-----------|---------|---------|---|
| 1 | 31.19 | 16.46 | 25.00 ^{+0.12} _{-0.13} |
| 2 | 39.52 | 24.79 | 33.30 ^{+0.15} _{-0.10} |
| 3 | 53.42 | 38.50 | 47.04 ^{+0.13} |
| 4 | 69.70 | 54.96 | 63.50 ^{+0.13} |
| 5 | 67.31 | 52.55 | 61.10 ^{+0.14} _{-0.11} |

Shell size 1-4



Shell size 5



PLUG CONNECTOR

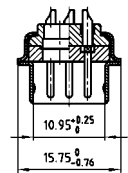


| Shellsize | A -0.76 | B -0.25 | C | D -0.30 |
|-----------|---------|---------|---|---------|
| 1 | 31.19 | 16.79 | 25.00 ^{+0.12} _{-0.13} | 6.12 |
| 2 | 39.52 | 25.12 | 33.30 ^{+0.15} _{-0.10} | 6.12 |
| 3 | 53.42 | 38.84 | 47.04 ^{+0.13} | 5.99 |
| 4 | 69.70 | 55.30 | 63.50 ^{+0.13} | 5.99 |
| 5 | 67.31 | 52.68 | 61.10 ^{+0.14} _{-0.11} | 5.99 |

Shell size 1-4



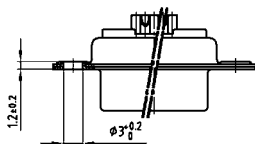
Shell size 5



ORDER DATA

| SOCKET CONNECTOR | | |
|------------------|----------------|-----------------|
| Design | Mounting style | Part Number |
| 5W1 | Through-hole | 3005W1SAM99A10X |
| 7W2 | Through-hole | 3007W2SAM99A10X |
| 11W1 | Through-hole | 3011W1SAM99A10X |
| 9W4 | Through-hole | 3009W4SAM99A10X |
| 13W3 | Through-hole | 3013W3SAM99A10X |
| 17W2 | Through-hole | 3017W2SAM99A10X |
| 21W1 | Through-hole | 3021W1SAM99A10X |
| 13W6 | Through-hole | 3013W6SAM99A10X |
| 17W5 | Through-hole | 3017W5SAM99A10X |
| 21WA4 | Through-hole | 321WA4SAM99A10X |
| 25W3 | Through-hole | 3025W3SAM99A10X |
| 27W2 | Through-hole | 3027W2SAM99A10X |
| 24W7 | Through-hole | 3024W7SAM99A10X |
| 36W4 | Through-hole | 3036W4SAM99A10X |
| 43W2 | Through-hole | 3043W2SAM99A10X |
| 47W1 | Through-hole | 3047W1SAM99A10X |

| PLUG CONNECTOR | | |
|----------------|----------------|-----------------|
| Design | Mounting style | Part Number |
| 5W1 | Through-hole | 3005W1PAM99A10X |
| 7W2 | Through-hole | 3007W2PAM99A10X |
| 11W1 | Through-hole | 3011W1PAM99A10X |
| 9W4 | Through-hole | 3009W4PAM99A10X |
| 13W3 | Through-hole | 3013W3PAM99A10X |
| 17W2 | Through-hole | 3017W2PAM99A10X |
| 21W1 | Through-hole | 3021W1PAM99A10X |
| 13W6 | Through-hole | 3013W6PAM99A10X |
| 17W5 | Through-hole | 3017W5PAM99A10X |
| 21WA4 | Through-hole | 321WA4PAM99A10X |
| 25W3 | Through-hole | 3025W3PAM99A10X |
| 27W2 | Through-hole | 3027W2PAM99A10X |
| 24W7 | Through-hole | 3024W7PAM99A10X |
| 36W4 | Through-hole | 3036W4PAM99A10X |
| 43W2 | Through-hole | 3043W2PAM99A10X |
| 47W1 | Through-hole | 3047W1PAM99A10X |



COMBINATION D-SUB – MOUNTING STYLES

Solder cup – Precision machined contacts – For wire size AWG 20

ORDER DATA



| SOCKET CONNECTOR | | |
|------------------|-------------------|-----------------|
| Design | Mounting style M3 | Part Number |
| 5W1 | Threaded insert | 3005W1SAM99A20X |
| 7W2 | Threaded insert | 3007W2SAM99A20X |
| 11W1 | Threaded insert | 3011W1SAM99A20X |
| 9W4 | Threaded insert | 3009W4SAM99A20X |
| 13W3 | Threaded insert | 3013W3SAM99A20X |
| 17W2 | Threaded insert | 3017W2SAM99A20X |
| 21W1 | Threaded insert | 3021W1SAM99A20X |
| 13W6 | Threaded insert | 3013W6SAM99A20X |
| 17W5 | Threaded insert | 3017W5SAM99A20X |
| 21WA4 | Threaded insert | 321WA4SAM99A20X |
| 25W3 | Threaded insert | 3025W3SAM99A20X |
| 27W2 | Threaded insert | 3027W2SAM99A20X |
| 24W7 | Threaded insert | 3024W7SAM99A20X |
| 36W4 | Threaded insert | 3036W4SAM99A20X |
| 43W2 | Threaded insert | 3043W2SAM99A20X |
| 47W1 | Threaded insert | 3047W1SAM99A20X |

| PLUG CONNECTOR | | |
|----------------|-------------------|-----------------|
| Design | Mounting style M3 | Part Number |
| 5W1 | Threaded insert | 3005W1PAM99A20X |
| 7W2 | Threaded insert | 3007W2PAM99A20X |
| 11W1 | Threaded insert | 3011W1PAM99A20X |
| 9W4 | Threaded insert | 3009W4PAM99A20X |
| 13W3 | Threaded insert | 3013W3PAM99A20X |
| 17W2 | Threaded insert | 3017W2PAM99A20X |
| 21W1 | Threaded insert | 3021W1PAM99A20X |
| 13W6 | Threaded insert | 3013W6PAM99A20X |
| 17W5 | Threaded insert | 3017W5PAM99A20X |
| 21WA4 | Threaded insert | 321WA4PAM99A20X |
| 25W3 | Threaded insert | 3025W3PAM99A20X |
| 27W2 | Threaded insert | 3027W2PAM99A20X |
| 24W7 | Threaded insert | 3024W7PAM99A20X |
| 36W4 | Threaded insert | 3036W4PAM99A20X |
| 43W2 | Threaded insert | 3043W2PAM99A20X |
| 47W1 | Threaded insert | 3047W1PAM99A20X |



| SOCKET CONNECTOR | | |
|------------------|-------------------------|-----------------|
| Design | Mounting style 4-40 UNC | Part Number |
| 5W1 | Threaded insert | 3005W1SAM99A30X |
| 7W2 | Threaded insert | 3007W2SAM99A30X |
| 11W1 | Threaded insert | 3011W1SAM99A30X |
| 9W4 | Threaded insert | 3009W4SAM99A30X |
| 13W3 | Threaded insert | 3013W3SAM99A30X |
| 17W2 | Threaded insert | 3017W2SAM99A30X |
| 21W1 | Threaded insert | 3021W1SAM99A30X |
| 13W6 | Threaded insert | 3013W6SAM99A30X |
| 17W5 | Threaded insert | 3017W5SAM99A30X |
| 21WA4 | Threaded insert | 321WA4SAM99A30X |
| 25W3 | Threaded insert | 3025W3SAM99A30X |
| 27W2 | Threaded insert | 3027W2SAM99A30X |
| 24W7 | Threaded insert | 3024W7SAM99A30X |
| 36W4 | Threaded insert | 3036W4SAM99A30X |
| 43W2 | Threaded insert | 3043W2SAM99A30X |
| 47W1 | Threaded insert | 3047W1SAM99A30X |

| PLUG CONNECTOR | | |
|----------------|-------------------------|-----------------|
| Design | Mounting style 4-40 UNC | Part Number |
| 5W1 | Threaded insert | 3005W1PAM99A30X |
| 7W2 | Threaded insert | 3007W2PAM99A30X |
| 11W1 | Threaded insert | 3011W1PAM99A30X |
| 9W4 | Threaded insert | 3009W4PAM99A30X |
| 13W3 | Threaded insert | 3013W3PAM99A30X |
| 17W2 | Threaded insert | 3017W2PAM99A30X |
| 21W1 | Threaded insert | 3021W1PAM99A30X |
| 13W6 | Threaded insert | 3013W6PAM99A30X |
| 17W5 | Threaded insert | 3017W5PAM99A30X |
| 21WA4 | Threaded insert | 321WA4PAM99A30X |
| 25W3 | Threaded insert | 3025W3PAM99A30X |
| 27W2 | Threaded insert | 3027W2PAM99A30X |
| 24W7 | Threaded insert | 3024W7PAM99A30X |
| 36W4 | Threaded insert | 3036W4PAM99A30X |
| 43W2 | Threaded insert | 3043W2PAM99A30X |
| 47W1 | Threaded insert | 3047W1PAM99A30X |



| SOCKET CONNECTOR | | |
|------------------|----------------|-----------------|
| Design | Mounting style | Part Number |
| 5W1 | Floating mount | 3005W1SAM99A60X |
| 7W2 | Floating mount | 3007W2SAM99A60X |
| 11W1 | Floating mount | 3011W1SAM99A60X |
| 9W4 | Floating mount | 3009W4SAM99A60X |
| 13W3 | Floating mount | 3013W3SAM99A60X |
| 17W2 | Floating mount | 3017W2SAM99A60X |
| 21W1 | Floating mount | 3021W1SAM99A60X |
| 13W6 | Floating mount | 3013W6SAM99A60X |
| 17W5 | Floating mount | 3017W5SAM99A60X |
| 21WA4 | Floating mount | 321WA4SAM99A60X |
| 25W3 | Floating mount | 3025W3SAM99A60X |
| 27W2 | Floating mount | 3027W2SAM99A60X |
| 24W7 | Floating mount | 3024W7SAM99A60X |
| 36W4 | Floating mount | 3036W4SAM99A60X |
| 43W2 | Floating mount | 3043W2SAM99A60X |
| 47W1 | Floating mount | 3047W1SAM99A60X |

| PLUG CONNECTOR | | |
|----------------|----------------|-----------------|
| Design | Mounting style | Part Number |
| 5W1 | Floating mount | 3005W1PAM99A60X |
| 7W2 | Floating mount | 3007W2PAM99A60X |
| 11W1 | Floating mount | 3011W1PAM99A60X |
| 9W4 | Floating mount | 3009W4PAM99A60X |
| 13W3 | Floating mount | 3013W3PAM99A60X |
| 17W2 | Floating mount | 3017W2PAM99A60X |
| 21W1 | Floating mount | 3021W1PAM99A60X |
| 13W6 | Floating mount | 3013W6PAM99A60X |
| 17W5 | Floating mount | 3017W5PAM99A60X |
| 21WA4 | Floating mount | 321WA4PAM99A60X |
| 25W3 | Floating mount | 3025W3PAM99A60X |
| 27W2 | Floating mount | 3027W2PAM99A60X |
| 24W7 | Floating mount | 3024W7PAM99A60X |
| 36W4 | Floating mount | 3036W4PAM99A60X |
| 43W2 | Floating mount | 3043W2PAM99A60X |
| 47W1 | Floating mount | 3047W1PAM99A60X |