

| "J.S.T." Brand Terminals | | Table 1 of 3 | "ENGINEER" PLIERS | Crimping Dies Nos. | | | | | | | | | | | |
|--------------------------|--------------|--------------|----------------------|--------------------|-----|-----|-----|----|----|--------------|-----|-----|-----|----|----|
| | | | | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | |
| | | | | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 |
| SSH-003T-P0.2-H | SH | | PA-09 | 1 | 1 | | | | | 1 | 1 | | | | |
| SSH-003GA-P0.2 | SHD | | PA-09 | 1 | 1 | | | | | 1 | 1 | | | | |
| SSHL-003T-P0.2 | SHL | | PA-09 | 1 | 1 | | | | | 1 | 1 | | | | |
| SSHL-003GA1-P0.2 | SHLD | | PA-09 | 1 | 1 | | | | | 1 | 1 | | | | |
| SSHL-002T-P0.2 | GH | | PA-09 | | 1 | | | | | | 1 | | | | |
| SZN-002T-P0.7K | SZN | | PA-09 | | 1 | | | | | | 1.4 | | | | |
| SZN-003T-P0.7K | SZN | | PA-09 | | 1 | | | | | | 1.4 | | | | |
| SZE-002T-P0.3 | ZE | | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | |
| SZH-002T-P0.5 | ZH | | PA-09 | | 1 | | | | | | 1 | | | | |
| SZH-003T-P0.5 | ZH, ZM | | PA-09 | 1 | 1 | | | | | 1 | 1 | | | | |
| SWPR-001T-P0.25 | JWPF | | PA-09/PA-20 | | | 1.6 | | | | | | 1.6 | | | |
| SPHD-001T-P0.5 | PA, PHD | | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | |
| SPHD-002T-P0.5 | PA, PHD | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.6 | 1.9 | | | |
| SPA-001T-P0.5 | PA | | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | |
| SPAL-001T-P0.5 | PAL | | PA-09/PA-20 | | | 1.6 | | | | | | 1.6 | | | |
| SPAL-002T-P0.5 | PAL | | PA-09/PA-20 | | 1.6 | | | | | | 1.6 | | | | |
| SPH-001T-P0.5L | PAD | | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | |
| SPH-002T-P0.5L | PH, PAD, KRW | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | | |
| SPND-001T-C0.5 | PND, PNI | | PA-09/PA-20 | | | 1.6 | 1.9 | | | | | 1.6 | 1.9 | | |
| SPND-002T-C0.5 | PND, PNI | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | | |
| SPH-002T-P0.5S | PH | | PA-09 | | 1 | 1 | | | | | 1.4 | 1.4 | | | |
| SPH-004T-P0.5S | PH | | PA-09 | × | 1 | | | | | × | 1 | | | | |
| SPUD-001T-P0.5 | PUD | | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | 1.6 | 1.6 | | |
| SAN-002T-0.8A | SAN | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.6 | 1.6 | | | |
| SAN-002T-0.8K | SAN | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.6 | 1.6 | | | |
| SEH-001T-P0.6 | EH | | PA-09/PA-20 | | 1.4 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | | |
| SEH-001T-P0.6L | EH | | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | |
| SJ2F-002GF-P1.0 | JFA | | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | |
| SJ2F-01GF-P1.0 | JFA | | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | |
| SJ2F-21GF-P1.0 | JFA | | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | |
| SHF-001T-0.8BS | NH, SM | | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | | |
| SBN-001T-0.1 | SBN | | PA-09/PA-20 | | 1.6 | 1.6 | | | | | 1.9 | 1.9 | | | |

Engineer Brand PA-09 & PA-20 application chart

| "J.S.T." Brand Terminals | | | Table 2 of 3 | | | Crimping Dies Nos. | | | | | | | | | |
|--------------------------|-----------------|----------------------|--------------|-----|-----|--------------------|----|----|----|-----|-----|--------------|-----|-----|-----|
| | | | | | | Conductor (AWG) | | | | | | Sheath (AWG) | | | |
| Code No. | Series | "ENGINEER" PLIERS | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | |
| SCN-001T-P1.0 | SCN | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SCN-001T-1.0K | SCN | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SXA-001T-P0.6 | XA, XM, XAD | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SXAM-001T-P0.6 | XA · XAD | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SXA-01T-P0.6 | XA, XM, XAD | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SXAM-01T-P0.6 | XA, XM, XAD | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SXA-001T-P0.6L | XA, XM, XAD | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SXH-001T-P0.6N | XH | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SXH-001T-P0.6 | XH | PA-09/PA-20 | | 1.4 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | | | |
| RA-SC1290 | RA | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| RF-SC2210 | RE | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| RF-SC2290 | RE | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SBHS-002T-P0.5A | BD, BHS | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SBHSM-002T-P0.5 | BHS, BHT | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SSF-21T-P1.4 | BL, HL, MWP, SL | PA-20 | | | | 2 | 2 | 2 | | | | | 2.3 | 2 | 2 |
| SDN-21T-P1.5 | SDN | | | | | x | x | x | | | | | x | x | x |
| SVH-21T-P1.1 | VH, VB, NV | PA-20 | | | | 2 | 2 | 2 | | | | | 2.3 | 2.3 | 2.3 |
| SVH-41T-P1.1 | VH, NV | | | | | | x | | | | | | | x | |
| SVU-21T-P0.6 | VU | PA-20 | | | | 2 | 2 | | | | | | 2.3 | 2.3 | |
| SBH-001T-P0.5 | BH, BHM | | | x | | | | | | x | | | | | |
| SVF-01T-1.5N | SV | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SYM-01T-P0.7 | XL | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SXF-01T-P0.7 | XL | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SYM-41T-P0.7 | XL | | | | | | | | | | | | | | |
| SXF-41T-P0.7 | XL | | | | | | | | | | | | | | |
| SLC-21 T -2.0 | LC | | | | | | x | | | | | | x | | |
| SBHT-002T-P0.5 | BHT | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SVM-42T-P2.0 | VL | | | | | | x | | | | | | x | | |
| SVF-42T-P2.0 | VL | | | | | | x | | | | | | x | | |
| SVM-61T-P2.0 | VL | | | | | | x | | | | | | x | | |
| SVF-61T-P2.0 | VL | | | | | | x | | | | | | x | | |

Engineer Brand PA-09 & PA-20 application chart

| "J.S.T." Brand Terminals | | Table 3 of 3 | "ENGINEER" PLIERS | Crimping Dies Nos. | | | | | | | | | | | |
|--------------------------|------------------------|--------------|----------------------|--------------------|-----|-----|----|----|----|--------------|-----|-----|-----|-----|--|
| | | | | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | |
| Code No. | Series | | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | |
| SYF-01T-P0.5A | YL, YLH, VYH | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SYF-41T-P0.5A | YL, YLH, VYH | | | | | | × | | | | | | × | | |
| SVYF-41T-P0.5A-13.5 | VYH | | | | | | × | | | | | | × | | |
| SYF-61T-P0.5A | VYH | | | | | | | × | | | | | | × | |
| SVYF-61T-P0.5A | VYH | | | | | | | × | | | | | | × | |
| SVT-41T-P1.1 | NVA | | | | | | × | | | | | | × | | |
| SVA-41T-P1.1 | VA | | | | | | × | | | | | | × | | |
| SVF-01T-2.36N | LV | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SVF-01T-2.36LN | LV | | | | × | × | × | | | | × | × | × | | |
| SCZH-002T-P0.5 | RWZ, RIZ, CZ, CZW, OTZ | PA-09 | | 1 | | | | | | 1 | | | | | |
| SMM-003T-P0.5 | ZM | PA-09 | | 1 | | | | | | 1 | | | | | |
| SWPT-001T-P0.25 | JWPF | PA-09/PA-20 | | | 1.6 | | | | | | 1.6 | | | | |
| SMR-001T-P0.6 | HM | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SJ2M-002GF-M1.0N | JFA | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SJ2M-01GF-M1.0N | JFA | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SJ2M-21GF-M1.0N | JFA | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SJ2M-01GF-M1.0S | JFA | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SYM-001T-P0.6 | SM, RCY | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | | | |
| SY F -001T-P0.6 | RCY | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | | | |
| SXM-001T-P0.6 | XM | PA-09/PA-20 | | 1.6 | | | | | | 1.9 | | | | | |
| SXM-01T-P0.6 | XM, XMA | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | |
| SSM-21T-P1.4 | SL, HL, MWP | PA-20 | | | | 2 | 2 | 2 | | | | | 2.3 | 2.3 | |
| SSF-01T-P1.4 | SL, HL, MWP | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SSM-01T-P1.4 | SL, MWP | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SBHM-001T-P0.5 | BHM | | | × | × | × | | | | × | × | × | | | |
| SLM-01T-P1.3E | EL | PA-20 | | | 2 | 2 | 2 | | | | 2.3 | 2.3 | 2.3 | | |
| SLF-01T-P1.3E | EL | PA-20 | | | 2 | 2 | 2 | | | | 2.3 | 2.3 | 2.3 | | |
| SLM-41T-P1.3E | EL | | | | | | × | | | | | | × | | |
| SL F -41T-P1.3E | EL | | | | | | × | | | | | | × | | |
| SYM-01T-P0.5A | YI, YLN | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SYM-41T-P0.50A | YI, YLN | | | | | | × | | | | | | × | | |
| SZM-01T-P0.7 | ZL | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| SZF-01T-P0.7 | ZL | PA-20 | | | 1.9 | | | | | | 2.3 | | | | |
| S Z F -41T-P0.7 | ZL | | | | | | | × | | | | | | × | |

| "Molex" Brand Terminals | | | Table 1 of 1 | | Crimping Dies Nos. | | | | | | | | | | | |
|-------------------------|-------------|----------------------|-----------------|-----|--------------------|-----|-----|-----|--------------|----|-----|-----|-----|-----|-----|--|
| Code No. | Series | "ENGINEER" PLIERS | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | | | |
| | | | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | | |
| 50058-8100 | PicoBlade | PA-09 | | 1 | | | | | | | 1 | | | | | |
| 50079-8100 | PicoBlade | PA-09 | | 1 | | | | | | | 1 | | | | | |
| 50125-8000/8100 | PicoBlade | PA-09 | | 1 | | | | | | | 1 | | | | | |
| 50212-8100 | Micro-Latch | PA-09 | | 1 | 1 | 1 | | | | | 1.4 | 1.4 | 1.4 | | | |
| 50011-8100 | MicroBlade | PA-09 | | 1 | 1 | 1 | | | | | 1 | 1 | 1 | | | |
| 50351-8000/8100 | Mini-Lock | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.9 | 1.9 | 1.9 | | | |
| 50752-8100 | Mini-Lock | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | 1.6 | | | | 1.9 | 1.9 | 1.9 | 1.9 | | |
| 5263PBT | Mini-SPOX | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | 1.6 | | | | 1.6 | 1.6 | 1.6 | 1.6 | | |
| 5159TL | KK | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 5159PBT | KK | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 2578-(P909) | KK | PA-20 | | | 1.9 | | | | | | | 2.3 | | | | |
| 50802-8100 | Mini-Latch | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 50802-9101 | Mini-Latch | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 5479PBT | - | PA-09 | | 1.4 | 1.4 | 1.4 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 43030-0007 | Micro-Fit | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | | 1.6 | 1.6 | | | |
| 43030-0010 | Micro-Fit | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 43031-0007 | Micro-Fit | PA-09/PA-20 | | | 1.6 | 1.6 | | | | | | 1.6 | 1.6 | | | |
| 43031-0010 | Micro-Fit | PA-09/PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.6 | 1.6 | 1.6 | | | |
| 50217-8100 | | PA-20 | | | 1.9 | 1.9 | 1.9 | | | | | 2.3 | 2.3 | 2.3 | | |
| 50217-9101 | | PA-20 | | | 1.9 | 1.9 | 1.9 | | | | | 2.3 | 2.3 | 2.3 | | |
| 5194 T L | SPOX | PA-20 | | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | | | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | |
| 5194PBT | SPOX | PA-20 | | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | | | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | |
| 5225TL | | PA-20 | | 1.9 | 1.9 | 1.9 | 1.9 | 1.9 | | | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | |
| 5556TL | Mini-Fit | PA-20 | | | | | | 1.6 | | | | | | | 2 | |
| 5556PBT | Mini-Fit | PA-20 | | | | | | 1.6 | | | | | | | 2 | |
| 5556 T 2 L | Mini-Fit | PA-09 PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.9 | 1.9 | 1.9 | | | |
| 5556PB T 2 L | Mini-Fit | PA-09 PA-20 | | 1.6 | 1.6 | 1.6 | | | | | 1.9 | 1.9 | 1.9 | | | |
| 5558TL | Mini-Fit | PA-20 | | | | | | 1.6 | | | | | | | 2 | |
| 5558PBT | Mini-Fit | PA-20 | | | | | | 1.6 | | | | | | | 2 | |
| 50597-8100 | | × | | | | | × | | | | | | × | | | |
| 1190TL | 1190 | × | | | | × | | | | | | × | | | | |
| 1189ATL | 1189 | PA-09/PA-20 | | | | | 1.9 | | | | | | | 1.9 | | |
| 1381ATL | 1381 | | | | | × | × | × | | | | × | × | × | | |
| 70058-0004 | C-Grid / SL | PA-09 | | 1.4 | | | | | | | 1.6 | | | | | |
| 50394-8100/8051 | Milli-Grid | PA-09 | | 1 | | | | | | | 1.4 | | | | | |
| 87421-0000/0002 | Pico-SPOX | PA-09 | | 1 | | | | | | | 1.4 | | | | | |

| "AMP" Brand Terminals | | | Table 1 of 1 | | | Crimping Dies Nos. | | | | | | | | | | | |
|-----------------------|----------------------------|----------------------|--------------|----|-----|--------------------|-----|----|----|----|-----|--------------|-----|----|--|--|--|
| | | | | | | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | |
| Code No. | Series | "ENGINEER" PLIERS | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | | | |
| 182206-2 | Ampmodu | PA-09/20 | | | 1.6 | | | | | | 1.6 | | | | | | |
| 175288-2 | Dynamic | PA-20 | | | | | 2.3 | | | | | | 2.3 | | | | |
| 175289-2 | Dynamic | PA-20 | | | | | 2.3 | | | | | | 2.3 | | | | |
| 175288-5 | Dynamic | PA-20 | | | | | 2.3 | | | | | | 2.3 | | | | |
| 175289-5 | Dynamic | PA-20 | | | | | 2.3 | | | | | | 2.3 | | | | |
| 926896-1 | MATE-N-LOK | PA-20 | | | | | 2 | | | | | | 2.3 | | | | |
| 926895-1 | MATE-N-LOK | PA-20 | | | | | 2 | | | | | | 2.3 | | | | |
| 770902-1 | MATE-N-LOK | PA-09/20 | | | 1.6 | | | | | | 1.9 | | | | | | |
| 170363-1 | Universal, MATE-N-LOK | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | | | |
| 170365-1 | Universal, MATE-N-LOK | PA-09/PA-20 | | | 1.6 | | | | | | 1.9 | | | | | | |
| 770985-1 | Mini-Universal, MATE-N-LOK | PA-20 | | | | 1.6 | | | | | | | 2.3 | | | | |
| 794059-1 | Mini-Universal, MATE-N-LOK | PA-09 | | | 1.4 | | | | | | 1.9 | | | | | | |
| 794957-1 | PE | PA-20 | | | | 1.6 | | | | | | | 2.3 | | | | |

| "JAE" Brand Terminals | | | Table 1 of 1 | | Crimping Dies Nos. | | | | | | | | | | | |
|-----------------------|--------------|--|----------------------|-----------------|--------------------|-----|-----|----|----|--------------|-----|-----|-----|-----|----|--|
| | | | "ENGINEER" PLIERS | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | | |
| Code No. | Series | | | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | |
| IL-AG5-C1-5000 | I L -AG5/7/9 | | PA-20 | | | | | 2 | | | | | | 2.3 | | |
| IL-AG5-PC1-5000 | I L -AG5/7/9 | | PA-20 | | | | | 2 | | | | | | 2.3 | | |
| M34S75C4F1 | M X 34 | | PA-20 | | | | | 2 | | | | | | 2 | | |
| M34S75C4F2 | M X 34 | | PA-20 | | | | | 2 | | | | | | 2.3 | | |
| IL-S-C2-SC-0001 | IL-Z | | PA-09/PA-20 | | | | 1.6 | | | | | | 1.6 | | | |
| IL-G-C2-SC-0001 | IL-G | | PA-09/PA-20 | | 1.4 | 1.6 | 1.6 | | | | 1.4 | 1.6 | 1.6 | | | |

| "HRS" Brand Terminals | | | Table 1 of 1 | "ENGINEER" PLIERS | Crimping Dies Nos. | | | | | | | | | | | |
|-----------------------|--------|--|--------------|----------------------|--------------------|-----|----|----|----|----|--------------|-----|----|----|----|--|
| | | | | | Conductor (AWG) | | | | | | Sheath (AWG) | | | | | |
| Code No. | Series | | | 32 | 28 | 24 | 22 | 20 | 18 | 32 | 28 | 24 | 22 | 20 | 18 | |
| DF11-2428SC | DF11 | | PA-09/PA-20 | | | 1.6 | | | | | | 1.6 | | | | |
| DF3-2428SC | DF3 | | PA-09/PA-20 | | | 1.6 | | | | | | 1.6 | | | | |