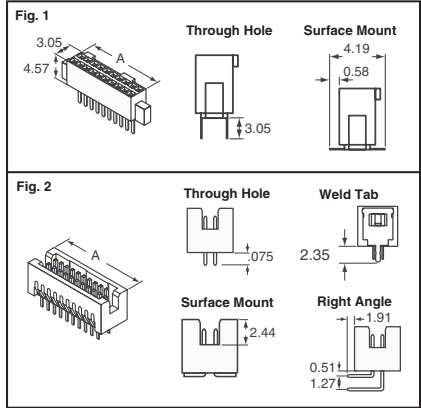




.050" (1.27mm) Sockets and Headers SFML, TFML and TFM Series



Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Phosphor Bronze • Plating: Gold over 50µ" (1.27µm) Nickel • Current Rating: 2A @ 80°C ambient • Voltage Rating: 350VAC • Operating Temperature Range: -55°C - 125°C • Socket Contact Resistance: 15mΩ max • Socket Insertion Depth: .120" (3.05mm) to .160" (4.06mm) • Socket Insertion Force: 2.5oz (0.69N) average (single contact only) • Header Locking Features: 10 - 20 (one latch), 25 and 30 (two latches), 35 - 50 (three latches) • Socket Max Cycles: 100 with 10µ" (0.25µm) Gold • SFML Series Mates with TFML Series • TFML Series Mates with SFML Series



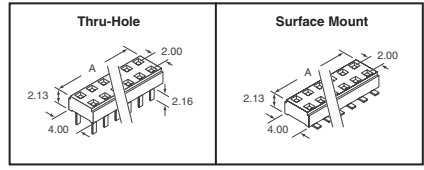
| Fig. | No. of Pos. | Dim. A (mm) | Digi-Key Part No. | Price Each | | |
|-----------------------------|-------------|-------------|-------------------|------------|------|------|
| | | | | 1 | 10 | 100 |
| Sockets | | | | | | |
| Through Hole — SFML | | | | | | |
| 1 | 20 | 16.64 | SAM8241-ND | 2.99 | 2.07 | 1.69 |
| | 30 | 22.99 | SAM8243-ND | 3.59 | 2.55 | 2.10 |
| | 40 | 29.34 | SAM8245-ND | 4.51 | 3.30 | 2.69 |
| | 50 | 35.69 | SAM8247-ND | 5.43 | 4.02 | 3.33 |
| | 60 | 42.04 | SAM8249-ND | 6.26 | — | — |
| | 70 | 48.39 | SAM8251-ND | 6.64 | 4.98 | 4.15 |
| | 80 | 54.74 | SAM8253-ND | 7.27 | 5.53 | 4.74 |
| | 90 | 61.09 | SAM8255-ND | 8.17 | 6.22 | 5.33 |
| | 100 | 67.44 | SAM8257-ND | 8.89 | 6.84 | 5.73 |
| | 1 | 20 | 16.64 | SAM8710-ND | 3.54 | 2.51 |
| 30 | | 22.99 | SAM8711-ND | 4.25 | 3.11 | 2.54 |
| 40 | | 29.34 | SAM8712-ND | 5.43 | 4.02 | 3.33 |
| 50 | | 35.69 | SAM8713-ND | 6.52 | 4.89 | 4.08 |
| 60 | | 42.04 | SAM8714-ND | 7.50 | 5.71 | 4.89 |
| 70 | | 48.39 | SAM8715-ND | 7.95 | 6.05 | 5.19 |
| 80 | | 54.74 | SAM8716-ND | 8.89 | 6.84 | 5.73 |
| 90 | | 61.09 | SAM8717-ND | 9.77 | 7.69 | 6.45 |
| 100 | | 67.44 | SAM8718-ND | 10.85 | 8.53 | 7.15 |
| Surface Mount — SFML | | | | | | |
| 1 | 20 | 16.64 | SAM8242-ND | 3.11 | 2.15 | 1.76 |
| | 30 | 22.99 | SAM8244-ND | 3.75 | 2.67 | 2.19 |
| | 40 | 29.34 | SAM8246-ND | 4.54 | 3.36 | 2.78 |
| | 50 | 35.69 | SAM8248-ND | 5.66 | 4.08 | 3.40 |
| | 60 | 42.04 | SAM8250-ND | 6.53 | 4.91 | 4.09 |
| | 70 | 48.39 | SAM8252-ND | 6.92 | 5.19 | 4.33 |
| | 80 | 54.74 | SAM8254-ND | 7.58 | 5.77 | 4.95 |
| | 90 | 61.09 | SAM8256-ND | 8.35 | 6.42 | 5.38 |
| | 100 | 67.44 | SAM8258-ND | 9.26 | 7.13 | 5.97 |
| | 1 | 20 | 16.64 | SAM8719-ND | 3.70 | 2.62 |
| 30 | | 22.99 | SAM8720-ND | 4.41 | 3.23 | 2.64 |
| 40 | | 29.34 | SAM8721-ND | 5.66 | 4.08 | 3.40 |
| 50 | | 35.69 | SAM8722-ND | 6.80 | 5.10 | 4.25 |
| 60 | | 42.04 | SAM8723-ND | 7.81 | 5.95 | 5.10 |
| 70 | | 48.39 | SAM8724-ND | 8.28 | 6.31 | 5.41 |
| 80 | | 54.74 | SAM8725-ND | 9.26 | 7.13 | 5.97 |
| 90 | | 61.09 | SAM8726-ND | 10.19 | 8.02 | 6.72 |
| 100 | | 67.44 | SAM8727-ND | 11.33 | 8.75 | 7.47 |
| Headers | | | | | | |
| Through Hole — TFML | | | | | | |
| 2 | 20 | 15.88 | SAM8259-ND | 2.93 | 2.02 | 1.65 |
| | 30 | 22.23 | SAM8262-ND | 3.51 | 2.50 | 2.05 |
| | 40 | 28.58 | SAM8268-ND | 5.32 | 3.94 | 3.26 |
| | 50 | 34.93 | SAM8271-ND | 6.11 | 4.59 | 3.83 |
| | 60 | 41.28 | SAM8274-ND | 7.11 | 5.42 | 4.64 |
| | 90 | 60.33 | SAM8277-ND | 8.00 | 6.09 | 5.22 |
| 100 | 66.68 | SAM8280-ND | 8.69 | 6.69 | 5.61 | |

| Fig. | No. of Pos. | Dim. A (mm) | Digi-Key Part No. | Price Each | | | |
|--|---|-------------|-------------------|------------|------|------|------|
| | | | | 1 | 10 | 100 | |
| Through Hole — Right Angle TFML | | | | | | | |
| 2 | 20 | 15.88 | SAM8260-ND | 3.09 | 2.16 | 1.77 | |
| | 30 | 22.23 | SAM8263-ND | 3.78 | 2.74 | 2.25 | |
| | 40 | 28.58 | SAM8266-ND | 4.68 | 3.47 | 2.87 | |
| | 50 | 34.93 | SAM8269-ND | 5.84 | 4.21 | 3.51 | |
| | 60 | 41.28 | SAM8272-ND | 6.72 | 5.05 | 4.21 | |
| | 80 | 53.98 | SAM8275-ND | 7.81 | — | — | |
| | 90 | 60.33 | SAM8278-ND | 8.61 | 6.62 | 5.55 | |
| | 100 | 66.68 | SAM8281-ND | 9.55 | 7.35 | 6.16 | |
| | Through Hole TFM with Weld Tabs | | | | | | |
| | 2 | 10 | 9.53 | SAM8698-ND | 2.01 | 1.37 | 1.11 |
| 20 | | 15.88 | SAM8699-ND | 3.15 | 2.20 | 1.81 | |
| 30 | | 22.23 | SAM8700-ND | 3.75 | 2.71 | 2.22 | |
| 40 | | 28.58 | SAM8701-ND | 4.65 | 3.40 | 2.77 | |
| 50 | | 34.93 | SAM8702-ND | 5.48 | 3.95 | 3.29 | |
| 60 | | 41.28 | SAM8703-ND | 6.22 | 4.67 | 3.89 | |
| Surface Mount — TFML | | | | | | | |
| 2 | 20 | 15.88 | SAM8261-ND | 3.09 | 2.16 | 1.77 | |
| | 30 | 22.23 | SAM8264-ND | 3.78 | 2.74 | 2.25 | |
| | 40 | 28.58 | SAM8267-ND | 4.68 | 3.47 | 2.87 | |
| | 50 | 34.93 | SAM8270-ND | 5.84 | 4.21 | 3.51 | |
| | 60 | 41.28 | SAM8273-ND | 6.72 | 5.05 | 4.21 | |
| | 80 | 53.98 | SAM8276-ND | 7.81 | 5.95 | 5.10 | |
| | 90 | 60.33 | SAM8279-ND | 8.61 | 6.62 | 5.55 | |
| | Surface Mount TFM with Weld Tabs | | | | | | |
| | 2 | 10 | 9.53 | SAM8704-ND | 2.16 | 1.47 | 1.15 |
| | | 20 | 15.88 | SAM8705-ND | 3.43 | 2.40 | 1.97 |
| 30 | | 22.23 | SAM8706-ND | 3.91 | 2.86 | 2.33 | |
| 40 | | 28.58 | SAM8707-ND | 4.86 | 3.60 | 2.98 | |
| 50 | | 34.93 | SAM8708-ND | 5.74 | 4.30 | 3.59 | |
| 60 | | 41.28 | SAM8709-ND | 6.80 | 5.10 | 4.25 | |

.0787" (2.00mm) Low Profile Sockets CLT Series



Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Phosphor Bronze • Plating: 10µ" Gold over 50µ" (1.27µm) Nickel • Current Rating: 2A @ 80°C ambient • Operating Temperature Range: -55°C - 125°C • Contact Resistance: 10mΩ max • Mates with: TMM Series



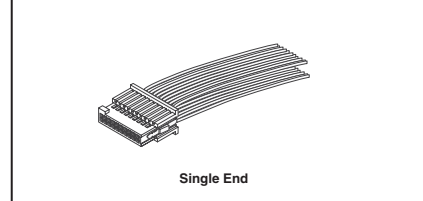
| No. of Pos. | Dim. A (mm) | Digi-Key Part No. | Price Each | | |
|--|-------------|-------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Through Hole — Gold Plating | | | | | |
| 4 | 4 | SAM1163-02-ND | 3.01 | 2.70 | 2.22 |
| 6 | 6 | SAM1163-03-ND | 3.14 | 2.81 | 2.32 |
| 8 | 8 | SAM1163-04-ND | 3.27 | 2.93 | 2.41 |
| 10 | 10 | SAM1163-05-ND | 3.40 | 3.05 | 2.51 |
| 12 | 12 | SAM1163-06-ND | 3.53 | 3.16 | 2.61 |
| 14 | 14 | SAM1163-07-ND | 3.66 | 3.28 | 2.70 |
| 16 | 16 | SAM1163-08-ND | 3.79 | 3.40 | 2.80 |
| 18 | 18 | SAM1163-09-ND | 3.93 | 3.52 | 2.90 |
| 20 | 20 | SAM1163-10-ND | 4.06 | 3.63 | 2.99 |
| 22 | 22 | SAM1163-11-ND | 4.19 | 3.75 | 3.09 |
| 24 | 24 | SAM1163-12-ND | 4.32 | 3.87 | 3.19 |
| 26 | 26 | SAM1163-13-ND | 4.45 | 3.99 | 3.28 |
| Surface Mount — Gold Plating | | | | | |
| 4 | 4 | SAM1165-02-ND | 3.01 | 2.70 | 2.22 |
| 6 | 6 | SAM1165-03-ND | 3.14 | 2.81 | 2.32 |
| 8 | 8 | SAM1165-04-ND | 3.27 | 2.93 | 2.41 |
| 10 | 10 | SAM1165-05-ND | 3.40 | 3.05 | 2.51 |
| 12 | 12 | SAM1165-06-ND | 3.53 | 3.16 | 2.61 |
| 14 | 14 | SAM1165-07-ND | 3.66 | 3.28 | 2.70 |
| 16 | 16 | SAM1165-08-ND | 3.79 | 3.40 | 2.80 |
| 18 | 18 | SAM1165-09-ND | 3.93 | 3.52 | 2.90 |
| 20 | 20 | SAM1165-10-ND | 4.06 | 3.63 | 2.99 |
| 22 | 22 | SAM1165-11-ND | 4.19 | 3.75 | 3.09 |
| 24 | 24 | SAM1165-12-ND | 4.32 | 3.87 | 3.19 |
| 26 | 26 | SAM1165-13-ND | 4.45 | 3.99 | 3.28 |
| Through Hole — Gold on Contact, Matte Tin on Tail | | | | | |
| 4 | 4 | SAM1164-02-ND | 3.07 | 2.75 | 2.27 |
| 6 | 6 | SAM1164-03-ND | 3.19 | 2.86 | 2.36 |
| 8 | 8 | SAM1164-04-ND | 3.32 | 2.97 | 2.45 |
| 10 | 10 | SAM1164-05-ND | 3.44 | 3.08 | 2.54 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No. | Price Each | | |
|---|-------------|-------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 12 | 12 | SAM1164-06-ND | 3.56 | 3.19 | 2.63 |
| 14 | 14 | SAM1164-07-ND | 3.69 | 3.31 | 2.72 |
| 16 | 16 | SAM1164-08-ND | 3.81 | 3.42 | 2.82 |
| 18 | 18 | SAM1164-09-ND | 3.93 | 3.53 | 2.91 |
| 20 | 20 | SAM1164-10-ND | 4.07 | 3.64 | 3.00 |
| 22 | 22 | SAM1164-11-ND | 4.19 | 3.75 | 3.09 |
| 24 | 24 | SAM1164-12-ND | 4.31 | 3.86 | 3.18 |
| 26 | 26 | SAM1164-13-ND | 4.44 | 3.97 | 3.27 |
| Surface Mount — Gold on Contact, Matte Tin on Tail | | | | | |
| 4 | 4 | SAM1166-02-ND | 3.07 | 2.75 | 2.27 |
| 6 | 6 | SAM1166-03-ND | 3.19 | 2.86 | 2.36 |
| 8 | 8 | SAM1166-04-ND | 3.32 | 2.97 | 2.45 |
| 10 | 10 | SAM1166-05-ND | 3.44 | 3.08 | 2.54 |
| 12 | 12 | SAM1166-06-ND | 3.56 | 3.19 | 2.63 |
| 14 | 14 | SAM1166-07-ND | 3.69 | 3.31 | 2.72 |
| 16 | 16 | SAM1166-08-ND | 3.81 | 3.42 | 2.82 |
| 18 | 18 | SAM1166-09-ND | 3.93 | 3.53 | 2.91 |
| 20 | 20 | SAM1166-10-ND | 4.07 | 3.64 | 3.00 |
| 22 | 22 | SAM1166-11-ND | 4.19 | 3.75 | 3.09 |
| 24 | 24 | SAM1166-12-ND | 4.31 | 3.86 | 3.18 |
| 26 | 26 | SAM1166-13-ND | 4.44 | 3.97 | 3.27 |

.050" (1.27mm) Socket Cable Assembly SFSD Series



Specifications: • Insulator Material: Black LCP • Contact Material: BeCu • Plating: Gold over 50µ" (1.27µm) Nickel • Operating Temperature Range: -55°C - 80°C • Mates with: TFM Series



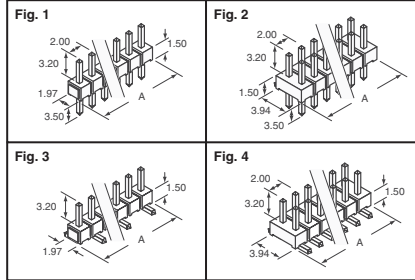
| No. of Pos. | Cable Length | Digi-Key Part No. | Price Each | | |
|---|--------------|-------------------|------------|-------|-------|
| | | | 1 | 10 | 100 |
| Single End | | | | | |
| 10 | 5" | SAM8662-ND | 6.57 | 4.93 | 4.11 |
| 20 | | SAM8663-ND | 9.45 | 7.26 | 6.09 |
| 30 | | SAM8664-ND | 12.47 | 9.64 | 8.08 |
| 40 | | SAM8665-ND | 15.04 | 11.82 | 10.21 |
| 50 | | SAM8666-ND | 17.15 | 13.98 | 12.01 |
| 60 | SAM8667-ND | 20.30 | 16.55 | 14.21 | |
| 10 | 10" | SAM8668-ND | 7.38 | 5.62 | 4.82 |
| 20 | | SAM8669-ND | 11.31 | 8.74 | 7.46 |
| 30 | | SAM8670-ND | 14.88 | 13.82 | 10.10 |
| 40 | | SAM8671-ND | 18.09 | 14.75 | 12.67 |
| 50 | | SAM8672-ND | 21.32 | 17.50 | 15.31 |
| 60 | | SAM8673-ND | 25.32 | 20.77 | 18.18 |
| Double End, Notch up, Straight | | | | | |
| 20 | 5" | SAM8674-ND | 14.29 | 11.23 | 9.70 |
| 30 | | SAM8682-ND | 18.18 | 14.82 | 12.73 |
| 40 | | SAM8690-ND | 22.27 | 18.28 | 15.99 |
| 20 | 10" | SAM8678-ND | 15.49 | 12.63 | 10.85 |
| 30 | | SAM8686-ND | 21.01 | 17.13 | 14.71 |
| 40 | | SAM8694-ND | 25.95 | 21.30 | 18.64 |
| Double End, Notch down, Straight | | | | | |
| 20 | 5" | SAM8675-ND | 14.29 | 11.23 | 9.70 |
| 30 | | SAM8683-ND | 18.18 | 14.82 | 12.73 |
| 40 | | SAM8691-ND | 22.27 | 18.28 | 15.99 |
| 20 | 10" | SAM8679-ND | 15.49 | 12.63 | 10.85 |
| 30 | | SAM8687-ND | 21.01 | 17.13 | 14.71 |
| 40 | | SAM8695-ND | 25.95 | 21.30 | 18.64 |
| Double End, Notch up, Crossed | | | | | |
| 20 | 5" | SAM8676-ND | 14.29 | 11.23 | 9.70 |
| 30 | | SAM8684-ND | 18.18 | 14.82 | 12.73 |
| 40 | | SAM8692-ND | 22.27 | 18.28 | 15.99 |
| 20 | 10" | SAM8680-ND | 15.49 | 12.63 | 10.85 |
| 30 | | SAM8688-ND | | | |



.0787" (2.00mm) Surface Mount and Low Profile Through Hole Headers TMM Series



Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Phosphor Bronze • Current Rating: 3A @ 80°C ambient when mated with SQT Series, 2.4A @ 80°C ambient when mated with CLT Series • Operating Temperature Range: -55°C - 125°C with Gold, -55°C - 105°C with Tin • Mates with: SQT, SOW, TLE, SMM, MMS, TCSD, CLT Series



| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Fig. 1 — Single Row, Low Profile Through Hole | | | | | |
| 20µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 2 | 4 | SAM1174-02-ND | 1.42 | 1.28 | 1.05 |
| 3 | 6 | SAM1174-03-ND | 1.47 | 1.33 | 1.09 |
| 4 | 8 | SAM1174-04-ND | 1.53 | 1.37 | 1.13 |
| 5 | 10 | SAM1174-05-ND | 1.59 | 1.42 | 1.17 |
| 6 | 12 | SAM1174-06-ND | 1.64 | 1.47 | 1.21 |
| 7 | 14 | SAM1174-07-ND | 1.70 | 1.52 | 1.26 |
| 8 | 16 | SAM1174-08-ND | 1.75 | 1.57 | 1.30 |
| 9 | 18 | SAM1174-09-ND | 1.81 | 1.62 | 1.34 |
| 10 | 20 | SAM1174-10-ND | 1.87 | 1.67 | 1.38 |
| 11 | 22 | SAM1174-11-ND | 1.92 | 1.72 | 1.42 |
| 12 | 24 | SAM1174-12-ND | 1.97 | 1.77 | 1.46 |
| 13 | 26 | SAM1174-13-ND | 2.03 | 1.82 | 1.50 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 30µ" Gold on Contact Area, Matte Tin on Tail | | | | | |
| 2 | 4 | SAM1176-02-ND | 1.87 | 1.68 | 1.38 |
| 3 | 6 | SAM1176-03-ND | 1.94 | 1.74 | 1.43 |
| 4 | 8 | SAM1176-04-ND | 2.00 | 1.80 | 1.48 |
| 5 | 10 | SAM1176-05-ND | 2.08 | 1.86 | 1.53 |
| 6 | 12 | SAM1176-06-ND | 2.14 | 1.92 | 1.59 |
| 7 | 14 | SAM1176-07-ND | 2.21 | 1.99 | 1.64 |
| 8 | 16 | SAM1176-08-ND | 2.28 | 2.05 | 1.69 |
| 9 | 18 | SAM1176-09-ND | 2.35 | 2.11 | 1.74 |
| 10 | 20 | SAM1176-10-ND | 2.42 | 2.17 | 1.79 |
| 11 | 22 | SAM1176-11-ND | 2.49 | 2.23 | 1.84 |
| 12 | 24 | SAM1176-12-ND | 2.56 | 2.29 | 1.89 |
| 13 | 26 | SAM1176-13-ND | 2.63 | 2.36 | 1.94 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 2 | 4 | SAM1178-02-ND | 1.04 | .93 | .77 |
| 3 | 6 | SAM1178-03-ND | 1.07 | .96 | .79 |
| 4 | 8 | SAM1178-04-ND | 1.10 | .99 | .82 |
| 5 | 10 | SAM1178-05-ND | 1.14 | 1.02 | .84 |
| 6 | 12 | SAM1178-06-ND | 1.18 | 1.05 | .87 |
| 7 | 14 | SAM1178-07-ND | 1.21 | 1.08 | .89 |
| 8 | 16 | SAM1178-08-ND | 1.24 | 1.12 | .92 |
| 9 | 18 | SAM1178-09-ND | 1.28 | 1.15 | .95 |
| 10 | 20 | SAM1178-10-ND | 1.31 | 1.18 | .97 |
| 11 | 22 | SAM1178-11-ND | 1.34 | 1.21 | 1.00 |
| 12 | 24 | SAM1178-12-ND | 1.38 | 1.24 | 1.02 |
| 13 | 26 | SAM1178-13-ND | 1.42 | 1.27 | 1.05 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Fig. 2 — Dual Row, Low Profile Through Hole | | | | | |
| 20µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 4 | 4 | SAM1173-02-ND | 2.30 | 2.07 | 1.70 |
| 6 | 6 | SAM1173-03-ND | 2.40 | 2.15 | 1.77 |
| 8 | 8 | SAM1173-04-ND | 2.50 | 2.24 | 1.84 |
| 10 | 10 | SAM1173-05-ND | 2.59 | 2.32 | 1.92 |
| 12 | 12 | SAM1173-06-ND | 2.69 | 2.41 | 1.99 |
| 14 | 14 | SAM1173-07-ND | 2.79 | 2.50 | 2.06 |
| 16 | 16 | SAM1173-08-ND | 2.88 | 2.58 | 2.13 |
| 18 | 18 | SAM1173-09-ND | 2.98 | 2.67 | 2.20 |
| 20 | 20 | SAM1173-10-ND | 3.08 | 2.76 | 2.27 |
| 22 | 22 | SAM1173-11-ND | 3.17 | 2.84 | 2.34 |
| 24 | 24 | SAM1173-12-ND | 3.27 | 2.93 | 2.41 |
| 26 | 26 | SAM1173-13-ND | 3.37 | 3.02 | 2.48 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 30µ" Gold on Contact Area, Matte Tin on Tail | | | | | |
| 4 | 4 | SAM1175-02-ND | 2.85 | 2.55 | 2.10 |
| 6 | 6 | SAM1175-03-ND | 2.97 | 2.66 | 2.20 |
| 8 | 8 | SAM1175-04-ND | 3.10 | 2.78 | 2.29 |
| 10 | 10 | SAM1175-05-ND | 3.22 | 2.89 | 2.38 |
| 12 | 12 | SAM1175-06-ND | 3.35 | 3.00 | 2.47 |
| 14 | 14 | SAM1175-07-ND | 3.47 | 3.11 | 2.56 |
| 16 | 16 | SAM1175-08-ND | 3.59 | 3.22 | 2.65 |
| 18 | 18 | SAM1175-09-ND | 3.72 | 3.33 | 2.74 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|-------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 20 | 20 | SAM1175-10-ND | 3.84 | 3.44 | 2.84 |
| 22 | 22 | SAM1175-11-ND | 3.96 | 3.55 | 2.93 |
| 24 | 24 | SAM1175-12-ND | 4.09 | 3.66 | 3.02 |
| 26 | 26 | SAM1175-13-ND | 4.21 | 3.78 | 3.11 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 4 | 4 | SAM1177-02-ND | 1.60 | 1.44 | 1.18 |
| 6 | 6 | SAM1177-03-ND | 1.66 | 1.49 | 1.23 |
| 8 | 8 | SAM1177-04-ND | 1.72 | 1.55 | 1.28 |
| 10 | 10 | SAM1177-05-ND | 1.79 | 1.60 | 1.32 |
| 12 | 12 | SAM1177-06-ND | 1.85 | 1.66 | 1.37 |
| 14 | 14 | SAM1177-07-ND | 1.91 | 1.71 | 1.41 |
| 16 | 16 | SAM1177-08-ND | 1.97 | 1.77 | 1.46 |
| 18 | 18 | SAM1177-09-ND | 2.03 | 1.82 | 1.50 |
| 20 | 20 | SAM1177-10-ND | 2.10 | 1.88 | 1.55 |
| 22 | 22 | SAM1177-11-ND | 2.16 | 1.94 | 1.60 |
| 24 | 24 | SAM1177-12-ND | 2.22 | 1.99 | 1.64 |
| 26 | 26 | SAM1177-13-ND | 2.28 | 2.05 | 1.69 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Fig. 3 — Single Row, Surface Mount | | | | | |
| 20µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 2 | 4 | SAM1168-02-ND | 1.59 | 1.42 | 1.17 |
| 3 | 6 | SAM1168-03-ND | 1.66 | 1.49 | 1.22 |
| 4 | 8 | SAM1168-04-ND | 1.72 | 1.55 | 1.28 |
| 5 | 10 | SAM1168-05-ND | 1.79 | 1.61 | 1.33 |
| 6 | 12 | SAM1168-06-ND | 1.87 | 1.67 | 1.38 |
| 7 | 14 | SAM1168-07-ND | 1.93 | 1.73 | 1.43 |
| 8 | 16 | SAM1168-08-ND | 2.00 | 1.79 | 1.48 |
| 9 | 18 | SAM1168-09-ND | 2.07 | 1.86 | 1.53 |
| 10 | 20 | SAM1168-10-ND | 2.13 | 1.92 | 1.58 |
| 11 | 22 | SAM1168-11-ND | 2.21 | 1.98 | 1.63 |
| 12 | 24 | SAM1168-12-ND | 2.28 | 2.04 | 1.68 |
| 13 | 26 | SAM1168-13-ND | 2.34 | 2.10 | 1.73 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 30µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 2 | 4 | SAM1170-02-ND | 2.21 | 1.98 | 1.63 |
| 3 | 6 | SAM1170-03-ND | 2.29 | 2.05 | 1.69 |
| 4 | 8 | SAM1170-04-ND | 2.37 | 2.13 | 1.75 |
| 5 | 10 | SAM1170-05-ND | 2.45 | 2.20 | 1.81 |
| 6 | 12 | SAM1170-06-ND | 2.54 | 2.28 | 1.88 |
| 7 | 14 | SAM1170-07-ND | 2.62 | 2.35 | 1.94 |
| 8 | 16 | SAM1170-08-ND | 2.70 | 2.42 | 2.00 |
| 9 | 18 | SAM1170-09-ND | 2.79 | 2.50 | 2.06 |
| 10 | 20 | SAM1170-10-ND | 2.87 | 2.57 | 2.12 |
| 11 | 22 | SAM1170-11-ND | 2.95 | 2.65 | 2.18 |
| 12 | 24 | SAM1170-12-ND | 3.03 | 2.72 | 2.24 |
| 13 | 26 | SAM1170-13-ND | 3.11 | 2.79 | 2.30 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 2 | 4 | SAM1172-02-ND | 1.23 | 1.11 | .91 |
| 3 | 6 | SAM1172-03-ND | 1.28 | 1.15 | .95 |
| 4 | 8 | SAM1172-04-ND | 1.31 | 1.18 | .98 |
| 5 | 10 | SAM1172-05-ND | 1.36 | 1.22 | 1.01 |
| 6 | 12 | SAM1172-06-ND | 1.40 | 1.26 | 1.04 |
| 7 | 14 | SAM1172-07-ND | 1.44 | 1.29 | 1.07 |
| 8 | 16 | SAM1172-08-ND | 1.48 | 1.33 | 1.10 |
| 9 | 18 | SAM1172-09-ND | 1.52 | 1.37 | 1.13 |
| 10 | 20 | SAM1172-10-ND | 1.57 | 1.41 | 1.16 |
| 11 | 22 | SAM1172-11-ND | 1.60 | 1.44 | 1.19 |
| 12 | 24 | SAM1172-12-ND | 1.65 | 1.48 | 1.22 |
| 13 | 26 | SAM1172-13-ND | 1.69 | 1.52 | 1.25 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Fig. 4 — Dual Row, Surface Mount | | | | | |
| 20µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 4 | 4 | SAM1167-02-ND | 2.72 | 2.44 | 2.01 |
| 6 | 6 | SAM1167-03-ND | 2.83 | 2.54 | 2.09 |
| 8 | 8 | SAM1167-04-ND | 2.95 | 2.65 | 2.18 |
| 10 | 10 | SAM1167-05-ND | 3.07 | 2.75 | 2.27 |
| 12 | 12 | SAM1167-06-ND | 3.19 | 2.86 | 2.35 |
| 14 | 14 | SAM1167-07-ND | 3.30 | 2.96 | 2.44 |
| 16 | 16 | SAM1167-08-ND | 3.42 | 3.07 | 2.53 |
| 18 | 18 | SAM1167-09-ND | 3.54 | 3.17 | 2.61 |
| 20 | 20 | SAM1167-10-ND | 3.66 | 3.28 | 2.70 |
| 22 | 22 | SAM1167-11-ND | 3.78 | 3.38 | 2.78 |
| 24 | 24 | SAM1167-12-ND | 3.89 | 3.48 | 2.87 |
| 26 | 26 | SAM1167-13-ND | 4.01 | 3.59 | 2.96 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|--|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 30µ" Gold on Contact Area, Gold Flash on Tail | | | | | |
| 4 | 4 | SAM1169-02-ND | 3.62 | 3.24 | 2.67 |
| 6 | 6 | SAM1169-03-ND | 3.76 | 3.37 | 2.77 |
| 8 | 8 | SAM1169-04-ND | 3.91 | 3.50 | 2.88 |
| 10 | 10 | SAM1169-05-ND | 4.05 | 3.63 | 2.99 |
| 12 | 12 | SAM1169-06-ND | 4.20 | 3.76 | 3.09 |
| 14 | 14 | SAM1169-07-ND | 4.34 | 3.89 | 3.20 |
| 16 | 16 | SAM1169-08-ND | 4.49 | 4.02 | 3.31 |
| 18 | 18 | SAM1169-09-ND | 4.62 | 4.15 | 3.41 |
| 20 | 20 | SAM1169-10-ND | 4.77 | 4.27 | 3.52 |
| 22 | 22 | SAM1169-11-ND | 4.92 | 4.40 | 3.63 |
| 24 | 24 | SAM1169-12-ND | 5.06 | 4.53 | 3.74 |
| 26 | 26 | SAM1169-13-ND | 5.21 | 4.66 | 3.84 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 4 | 4 | SAM1171-02-ND | 1.85 | 1.66 | 1.37 |
| 6 | 6 | SAM1171-03-ND | 1.92 | 1.73 | 1.42 |
| 8 | 8 | SAM1171-04-ND | 2.00 | 1.79 | 1.48 |
| 10 | 10 | SAM1171-05-ND | 2.08 | 1.86 | 1.53 |
| 12 | 12 | SAM1171-06-ND | 2.15 | 1.93 | 1.59 |
| 14 | 14 | SAM1171-07-ND | 2.23 | 2.00 | 1.65 |
| 16 | 16 | SAM1171-08-ND | 2.30 | 2.07 | 1.70 |
| 18 | 18 | SAM1171-09-ND | 2.38 | 2.13 | 1.76 |
| 20 | 20 | SAM1171-10-ND | 2.45 | 2.20 | 1.81 |
| 22 | 22 | SAM1171-11-ND | 2.53 | 2.27 | 1.87 |
| | | | | | |



.0787" (2.00mm) Box Sockets

MMS Series (Cont.)



| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 20 | 20.559 | SAM1228-10-ND | 4.15 | 3.72 | 3.06 |
| 22 | 22.559 | SAM1228-11-ND | 4.31 | 3.86 | 3.18 |
| 24 | 24.559 | SAM1228-12-ND | 4.46 | 3.99 | 3.29 |
| 26 | 26.559 | SAM1228-13-ND | 4.61 | 4.13 | 3.40 |
| Matte Tin | | | | | |
| 4 | 4.559 | SAM1232-02-ND | 2.34 | 2.10 | 1.73 |
| 6 | 6.559 | SAM1232-03-ND | 2.46 | 2.21 | 1.82 |
| 8 | 8.559 | SAM1232-04-ND | 2.58 | 2.32 | 1.91 |
| 10 | 10.559 | SAM1232-05-ND | 2.71 | 2.43 | 2.00 |
| 12 | 12.559 | SAM1232-06-ND | 2.83 | 2.54 | 2.09 |
| 14 | 14.559 | SAM1232-07-ND | 2.96 | 2.65 | 2.19 |
| 16 | 16.559 | SAM1232-08-ND | 3.09 | 2.76 | 2.28 |
| 18 | 18.559 | SAM1232-09-ND | 3.21 | 2.87 | 2.37 |
| 20 | 20.559 | SAM1232-10-ND | 3.33 | 2.99 | 2.46 |
| 22 | 22.559 | SAM1232-11-ND | 3.46 | 3.10 | 2.55 |
| 24 | 24.559 | SAM1232-12-ND | 3.58 | 3.21 | 2.64 |
| 26 | 26.559 | SAM1232-13-ND | 3.70 | 3.32 | 2.73 |

Fig. 4 — Dual Row, Through Hole, Horizontal

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 10µ" Gold Contact, Matte Tin on Tail | | | | | |
| 4 | 4.559 | SAM1227-02-ND | 4.23 | 3.79 | 3.13 |
| 6 | 6.559 | SAM1227-03-ND | 4.44 | 3.98 | 3.28 |
| 8 | 8.559 | SAM1227-04-ND | 4.65 | 4.16 | 3.43 |
| 10 | 10.559 | SAM1227-05-ND | 4.86 | 4.35 | 3.58 |
| 12 | 12.559 | SAM1227-06-ND | 5.06 | 4.53 | 3.74 |
| 14 | 14.559 | SAM1227-07-ND | 5.27 | 4.72 | 3.89 |
| 16 | 16.559 | SAM1227-08-ND | 5.47 | 4.90 | 4.04 |
| 18 | 18.559 | SAM1227-09-ND | 5.68 | 5.09 | 4.19 |
| 20 | 20.559 | SAM1227-10-ND | 5.89 | 5.27 | 4.34 |
| 22 | 22.559 | SAM1227-11-ND | 6.10 | 5.46 | 4.50 |
| 24 | 24.559 | SAM1227-12-ND | 6.30 | 5.64 | 4.65 |
| 26 | 26.559 | SAM1227-13-ND | 6.51 | 5.83 | 4.80 |
| Matte Tin | | | | | |
| 4 | 4.559 | SAM1231-02-ND | 3.25 | 2.91 | 2.40 |
| 6 | 6.559 | SAM1231-03-ND | 3.42 | 3.07 | 2.53 |
| 8 | 8.559 | SAM1231-04-ND | 3.59 | 3.22 | 2.65 |
| 10 | 10.559 | SAM1231-05-ND | 3.77 | 3.37 | 2.78 |
| 12 | 12.559 | SAM1231-06-ND | 3.93 | 3.53 | 2.91 |
| 14 | 14.559 | SAM1231-07-ND | 4.11 | 3.68 | 3.03 |
| 16 | 16.559 | SAM1231-08-ND | 4.28 | 3.84 | 3.16 |
| 18 | 18.559 | SAM1231-09-ND | 4.46 | 3.99 | 3.29 |
| 20 | 20.559 | SAM1231-10-ND | 4.62 | 4.15 | 3.41 |
| 22 | 22.559 | SAM1231-11-ND | 4.80 | 4.30 | 3.54 |
| 24 | 24.559 | SAM1231-12-ND | 4.97 | 4.45 | 3.67 |
| 26 | 26.559 | SAM1231-13-ND | 5.15 | 4.61 | 3.80 |

Fig. 5 — Single Row, Surface Mount, Vertical

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 10µ" Gold Contact, Matte Tin on Tail | | | | | |
| 2 | 4.254 | SAM1238-02-ND | 2.42 | 2.16 | 1.78 |
| 3 | 6.254 | SAM1238-03-ND | 2.53 | 2.27 | 1.87 |
| 4 | 8.254 | SAM1238-04-ND | 2.65 | 2.37 | 1.96 |
| 5 | 10.254 | SAM1238-05-ND | 2.77 | 2.48 | 2.04 |
| 6 | 12.254 | SAM1238-06-ND | 2.88 | 2.58 | 2.13 |
| 7 | 14.254 | SAM1238-07-ND | 3.00 | 2.69 | 2.22 |
| 8 | 16.254 | SAM1238-08-ND | 3.11 | 2.79 | 2.30 |
| 9 | 18.254 | SAM1238-09-ND | 3.24 | 2.90 | 2.39 |
| 10 | 20.254 | SAM1238-10-ND | 3.35 | 3.00 | 2.47 |
| 11 | 22.254 | SAM1238-11-ND | 3.47 | 3.11 | 2.56 |
| 12 | 24.254 | SAM1238-12-ND | 3.59 | 3.21 | 2.65 |
| 13 | 26.254 | SAM1238-13-ND | 3.70 | 3.32 | 2.73 |
| Matte Tin | | | | | |
| 2 | 4.254 | SAM1242-02-ND | 1.91 | 1.71 | 1.41 |
| 3 | 6.254 | SAM1242-03-ND | 2.00 | 1.80 | 1.48 |
| 4 | 8.254 | SAM1242-04-ND | 2.11 | 1.89 | 1.55 |
| 5 | 10.254 | SAM1242-05-ND | 2.20 | 1.97 | 1.63 |
| 6 | 12.254 | SAM1242-06-ND | 2.29 | 2.06 | 1.70 |
| 7 | 14.254 | SAM1242-07-ND | 2.40 | 2.15 | 1.77 |
| 8 | 16.254 | SAM1242-08-ND | 2.49 | 2.23 | 1.84 |
| 9 | 18.254 | SAM1242-09-ND | 2.58 | 2.32 | 1.91 |
| 10 | 20.254 | SAM1242-10-ND | 2.68 | 2.41 | 1.98 |
| 11 | 22.254 | SAM1242-11-ND | 2.78 | 2.49 | 2.05 |
| 12 | 24.254 | SAM1242-12-ND | 2.87 | 2.58 | 2.12 |
| 13 | 26.254 | SAM1242-13-ND | 2.97 | 2.66 | 2.20 |

Fig. 6 — Single Row, Surface Mount, Horizontal

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 10µ" Gold Contact, Matte Tin on Tail | | | | | |
| 2 | 4.254 | SAM1237-02-ND | 2.92 | 2.62 | 2.15 |
| 3 | 6.254 | SAM1237-03-ND | 3.07 | 2.75 | 2.27 |
| 4 | 8.254 | SAM1237-04-ND | 3.22 | 2.89 | 2.38 |
| 5 | 10.254 | SAM1237-05-ND | 3.38 | 3.02 | 2.49 |
| 6 | 12.254 | SAM1237-06-ND | 3.52 | 3.16 | 2.60 |
| 7 | 14.254 | SAM1237-07-ND | 3.67 | 3.29 | 2.71 |
| 8 | 16.254 | SAM1237-08-ND | 3.83 | 3.43 | 2.83 |
| 9 | 18.254 | SAM1237-09-ND | 3.98 | 3.56 | 2.94 |
| 10 | 20.254 | SAM1237-10-ND | 4.13 | 3.70 | 3.05 |
| 11 | 22.254 | SAM1237-11-ND | 4.28 | 3.84 | 3.16 |
| 12 | 24.254 | SAM1237-12-ND | 4.44 | 3.97 | 3.27 |
| 13 | 26.254 | SAM1237-13-ND | 4.59 | 4.11 | 3.38 |
| Matte Tin | | | | | |
| 2 | 4.254 | SAM1241-02-ND | 2.32 | 2.08 | 1.71 |
| 3 | 6.254 | SAM1241-03-ND | 2.44 | 2.19 | 1.80 |
| 4 | 8.254 | SAM1241-04-ND | 2.56 | 2.30 | 1.90 |
| 5 | 10.254 | SAM1241-05-ND | 2.69 | 2.41 | 1.99 |
| 6 | 12.254 | SAM1241-06-ND | 2.82 | 2.52 | 2.08 |
| 7 | 14.254 | SAM1241-07-ND | 2.94 | 2.63 | 2.17 |
| 8 | 16.254 | SAM1241-08-ND | 3.06 | 2.74 | 2.26 |
| 9 | 18.254 | SAM1241-09-ND | 3.19 | 2.86 | 2.35 |
| 10 | 20.254 | SAM1241-10-ND | 3.31 | 2.97 | 2.44 |
| 11 | 22.254 | SAM1241-11-ND | 3.43 | 3.08 | 2.54 |
| 12 | 24.254 | SAM1241-12-ND | 3.56 | 3.19 | 2.63 |
| 13 | 26.254 | SAM1241-13-ND | 3.68 | 3.30 | 2.72 |

Fig. 7 — Dual Row, Surface Mount, Vertical

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 10µ" Gold Contact, Matte Tin on Tail | | | | | |
| 4 | 4.559 | SAM1236-02-ND | 3.14 | 2.82 | 2.32 |
| 6 | 6.559 | SAM1236-03-ND | 3.30 | 2.96 | 2.44 |
| 8 | 8.559 | SAM1236-04-ND | 3.46 | 3.10 | 2.56 |
| 10 | 10.559 | SAM1236-05-ND | 3.62 | 3.24 | 2.67 |
| 12 | 12.559 | SAM1236-06-ND | 3.78 | 3.39 | 2.79 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|-------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 14 | 14.559 | SAM1236-07-ND | 3.93 | 3.53 | 2.91 |
| 16 | 16.559 | SAM1236-08-ND | 4.09 | 3.67 | 3.02 |
| 18 | 18.559 | SAM1236-09-ND | 4.25 | 3.81 | 3.14 |
| 20 | 20.559 | SAM1236-10-ND | 4.41 | 3.95 | 3.26 |
| 22 | 22.559 | SAM1236-11-ND | 4.57 | 4.10 | 3.37 |
| 24 | 24.559 | SAM1236-12-ND | 4.73 | 4.24 | 3.49 |
| 26 | 26.559 | SAM1236-13-ND | 4.89 | 4.38 | 3.61 |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 4 | 4.559 | SAM1240-02-ND | 2.48 | 2.22 | 1.83 |
| 6 | 6.559 | SAM1240-03-ND | 2.61 | 2.34 | 1.93 |
| 8 | 8.559 | SAM1240-04-ND | 2.74 | 2.45 | 2.02 |
| 10 | 10.559 | SAM1240-05-ND | 2.87 | 2.57 | 2.12 |
| 12 | 12.559 | SAM1240-06-ND | 3.00 | 2.69 | 2.22 |
| 14 | 14.559 | SAM1240-07-ND | 3.13 | 2.81 | 2.31 |
| 16 | 16.559 | SAM1240-08-ND | 3.26 | 2.92 | 2.41 |
| 18 | 18.559 | SAM1240-09-ND | 3.39 | 3.04 | 2.51 |
| 20 | 20.559 | SAM1240-10-ND | 3.52 | 3.16 | 2.60 |
| 22 | 22.559 | SAM1240-11-ND | 3.66 | 3.28 | 2.70 |
| 24 | 24.559 | SAM1240-12-ND | 3.79 | 3.39 | 2.79 |
| 26 | 26.559 | SAM1240-13-ND | 3.92 | 3.51 | 2.89 |

Fig. 8 — Dual Row, Surface Mount, Horizontal

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|---|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 10µ" Gold Contact, Matte Tin on Tail | | | | | |
| 4 | 4.559 | SAM1235-02-ND | 4.36 | 3.90 | 3.22 |
| 6 | 6.559 | SAM1235-03-ND | 4.58 | 4.10 | 3.38 |
| 8 | 8.559 | SAM1235-04-ND | 4.80 | 4.30 | 3.54 |
| 10 | 10.559 | SAM1235-05-ND | 5.02 | 4.50 | 3.70 |
| 12 | 12.559 | SAM1235-06-ND | 5.24 | 4.69 | 3.87 |
| 14 | 14.559 | SAM1235-07-ND | 5.46 | 4.89 | 4.03 |
| 16 | 16.559 | SAM1235-08-ND | 5.68 | 5.09 | 4.19 |
| 18 | 18.559 | SAM1235-09-ND | 5.90 | 5.29 | 4.36 |
| 20 | 20.559 | SAM1235-10-ND | 6.13 | 5.48 | 4.52 |
| 22 | 22.559 | SAM1235-11-ND | 6.35 | 5.68 | 4.68 |
| 24 | 24.559 | SAM1235-12-ND | 6.56 | 5.88 | 4.84 |
| 26 | 26.559 | SAM1235-13-ND | 6.79 | 6.08 | 5.01 |

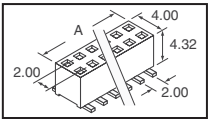
| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|------------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| Matte Tin | | | | | |
| 4 | 4.559 | SAM1239-02-ND | 3.52 | 3.15 | 2.60 |
| 6 | 6.559 | SAM1239-03-ND | 3.70 | 3.31 | 2.73 |
| 8 | 8.559 | SAM1239-04-ND | 3.88 | 3.47 | 2.86 |
| 10 | 10.559 | SAM1239-05-ND | 4.06 | 3.63 | 2.99 |
| 12 | 12.559 | SAM1239-06-ND | 4.23 | 3.79 | 3.13 |
| 14 | 14.559 | SAM1239-07-ND | 4.41 | 3.95 | 3.26 |
| 16 | 16.559 | SAM1239-08-ND | 4.60 | 4.11 | 3.39 |
| 18 | 18.559 | SAM1239-09-ND | 4.77 | 4.27 | 3.52 |
| 20 | 20.559 | SAM1239-10-ND | 4.95 | 4.44 | 3.65 |
| 22 | 22.559 | SAM1239-11-ND | 5.13 | 4.60 | 3.79 |
| 24 | 24.559 | SAM1239-12-ND | 5.31 | 4.76 | 3.92 |
| 26 | 26.559 | SAM1239-13-ND | 5.49 | 4.92 | 4.05 |

† More product available online. For pricing and availability, visit our website.

.0787" (2.00mm) Standard Sockets

TLE Series

Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Phosphor Bronze • Plating: 10µ" Gold over 50µ" Nickel • Operating Temperature Range: -55°C - 125°C • Mates with: TMM Series



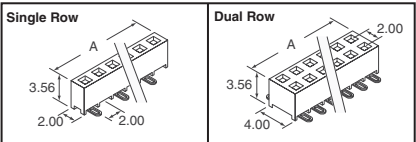
| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|-------------|-------------|--------------------|------------|------|------|
| | | | 1 | 10 | 100 |
| 4 | 4 | SAM1251-02-ND | 3.37 | 3.02 | 2.48 |
| 6 | 6 | SAM1251-03-ND | 3.49 | 3.13 | 2.58 |
| 8 | 8 | SAM1251-04-ND | 3.62 | 3.24 | 2.67 |
| 10 | 10 | SAM1251-05-ND | 3.74 | 3.35 | 2.76 |
| 12 | 12 | SAM1251-06-ND | 3.86 | 3.46 | 2.85 |
| 14 | 14 | SAM1251-07-ND | 3.99 | 3.57 | 2.94 |
| 16 | 16 | SAM1251-08-ND | 4.11 | 3.68 | 3.03 |
| 18 | 18 | SAM1251-09-ND | 4.23 | 3.79 | 3.13 |
| 20 | 20 | SAM1251-10-ND | 4.36 | 3.90 | 3.22 |
| 22 | 22 | SAM1251-11-ND | 4.49 | 4.02 | 3.31 |
| 24 | 24 | SAM1251-12-ND | 4.61 | 4.13 | 3.40 |
| 26 | 26 | SAM1251-13-ND | 4.73 | 4.24 | 3.49 |

† More product available online. For pricing and availability, visit our website.

.0787" (2.00mm) High Reliability Sockets

SMM Series

Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Beryllium Copper • Plating: 30µ" Gold on contact, Matte Tin on tail • Current Rating: 3A @ 30°C ambient • Operating Temperature Range: -55°C - 125°C • Contact Resistance: 10mΩ max. • Mates with: TMM, TCMD Series



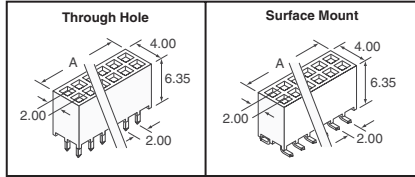
| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | | |
|-------------|-------------|--------------------|------------|----|-----|
| | | | 1 | 10 | 100 |
| | | | | | |



**.0787" (2.00mm)
Tiger Buy Sockets**

SQW Series

Specifications: • Insulator Material: Black Liquid Crystal Polymer • Contact Material: Phosphor Bronze • Plating: 10µ" Gold on contact, Matte Tin on Tail
• Operating Temperature Range: -55°C – 105°C • Contact Resistance: 10mΩ max. • Mates with: TMM Series



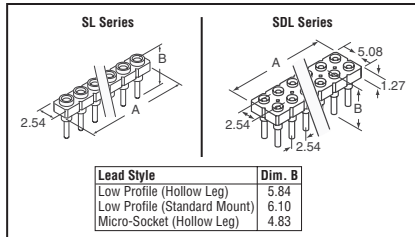
| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | 1 | 10 | 100 |
|----------------------|-------------|--------------------|------------|------|------|-----|
| Through Hole | | | | | | |
| 4 | 4.3 | SAM1249-02-ND | 2.84 | 2.55 | 2.10 | |
| 6 | 6.3 | SAM1249-03-ND | 2.95 | 2.65 | 2.18 | |
| 8 | 8.3 | SAM1249-04-ND | 3.06 | 2.74 | 2.26 | |
| 10 | 10.3 | SAM1249-05-ND | 3.17 | 2.84 | 2.34 | |
| 12 | 12.3 | SAM1249-06-ND | 3.28 | 2.94 | 2.42 | |
| 14 | 14.3 | SAM1249-07-ND | 3.39 | 3.04 | 2.51 | |
| 16 | 16.3 | SAM1249-08-ND | 3.51 | 3.14 | 2.59 | |
| 18 | 18.3 | SAM1249-09-ND | 3.62 | 3.24 | 2.67 | |
| 20 | 20.3 | SAM1249-10-ND | 3.72 | 3.34 | 2.75 | |
| 22 | 22.3 | SAM1249-11-ND | 3.83 | 3.44 | 2.83 | |
| 24 | 24.3 | SAM1249-12-ND | 3.94 | 3.53 | 2.91 | |
| 26 | 26.3 | SAM1249-13-ND | 4.06 | 3.63 | 2.99 | |
| Surface Mount | | | | | | |
| 4 | 4.3 | SAM1250-02-ND | 3.14 | 2.82 | 2.32 | |
| 6 | 6.3 | SAM1250-03-ND | 3.28 | 2.94 | 2.42 | |
| 8 | 8.3 | SAM1250-04-ND | 3.42 | 3.07 | 2.53 | |
| 10 | 10.3 | SAM1250-05-ND | 3.56 | 3.19 | 2.63 | |
| 12 | 12.3 | SAM1250-06-ND | 3.70 | 3.31 | 2.73 | |
| 14 | 14.3 | SAM1250-07-ND | 3.83 | 3.44 | 2.83 | |
| 16 | 16.3 | SAM1250-08-ND | 3.97 | 3.56 | 2.93 | |
| 18 | 18.3 | SAM1250-09-ND | 4.11 | 3.68 | 3.03 | |
| 20 | 20.3 | SAM1250-10-ND | 4.25 | 3.81 | 3.14 | |
| 22 | 22.3 | SAM1250-11-ND | 4.39 | 3.93 | 3.24 | |
| 24 | 24.3 | SAM1250-12-ND | 4.52 | 4.05 | 3.34 | |
| 26 | 26.3 | SAM1250-13-ND | 4.66 | 4.18 | 3.44 | |

† More product available online. For pricing and availability, visit our website.

**.100" (2.54mm) Low Profile
Socket Strips**

SL and SDL Series

Specifications: • Insulator Material: Black Glass Filled Polyester • Contact/Shell Material: Beryllium Copper/Brass • Operating Temperature Range: -55°C – 125°C Gold, -55°C – 105°C Tin • Current Rating: 1A • Contact Resistance: 10mΩ max. • Mates with: TS, TD, BBS, BBL Series



SL Series

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | 1 | 10 | 100 |
|---|-------------|--------------------|------------|------|------|-----|
| 30µ" Gold Contact, 10µ" Gold Shell | | | | | | |
| Low Profile (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1102-01-ND | 1.51 | 1.36 | 1.12 | |
| 2 | 5.08 | SAM1102-02-ND | 1.60 | 1.43 | 1.18 | |
| 3 | 7.62 | SAM1102-03-ND | 1.68 | 1.51 | 1.25 | |
| 4 | 10.16 | SAM1102-04-ND | 1.77 | 1.59 | 1.31 | |
| 5 | 12.70 | SAM1102-05-ND | 1.86 | 1.67 | 1.37 | |
| 6 | 15.24 | SAM1102-06-ND | 1.95 | 1.75 | 1.44 | |
| 7 | 17.78 | SAM1102-07-ND | 2.03 | 1.82 | 1.50 | |
| 8 | 20.32 | SAM1102-08-ND | 2.12 | 1.90 | 1.57 | |
| 9 | 22.86 | SAM1102-09-ND | 2.21 | 1.98 | 1.63 | |
| 10 | 25.40 | SAM1102-10-ND | 2.29 | 2.06 | 1.70 | |
| 11 | 27.94 | SAM1102-11-ND | 2.38 | 2.14 | 1.76 | |
| 12 | 30.48 | SAM1102-12-ND | 2.47 | 2.21 | 1.82 | |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | 1 | 10 | 100 |
|-------------------------------------|-------------|--------------------|------------|------|------|-----|
| Low Profile (Standard Mount) | | | | | | |
| 1 | 2.54 | SAM1103-01-ND | 1.49 | 1.34 | 1.10 | |
| 2 | 5.08 | SAM1103-02-ND | 1.58 | 1.42 | 1.17 | |
| 3 | 7.62 | SAM1103-03-ND | 1.68 | 1.51 | 1.24 | |
| 4 | 10.16 | SAM1103-04-ND | 1.77 | 1.59 | 1.31 | |
| 5 | 12.70 | SAM1103-05-ND | 1.87 | 1.67 | 1.38 | |
| 6 | 15.24 | SAM1103-06-ND | 1.96 | 1.76 | 1.45 | |
| 7 | 17.78 | SAM1103-07-ND | 2.05 | 1.84 | 1.52 | |
| 8 | 20.32 | SAM1103-08-ND | 2.15 | 1.93 | 1.59 | |
| 9 | 22.86 | SAM1103-09-ND | 2.24 | 2.01 | 1.66 | |
| 10 | 25.40 | SAM1103-10-ND | 2.34 | 2.10 | 1.73 | |
| 11 | 27.94 | SAM1103-11-ND | 2.43 | 2.18 | 1.80 | |
| 12 | 30.48 | SAM1103-12-ND | 2.53 | 2.27 | 1.87 | |
| Micro-Socket (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1104-01-ND | 1.82 | 1.64 | 1.35 | |
| 2 | 5.08 | SAM1104-02-ND | 1.93 | 1.73 | 1.43 | |
| 3 | 7.62 | SAM1104-03-ND | 2.04 | 1.83 | 1.51 | |
| 4 | 10.16 | SAM1104-04-ND | 2.15 | 1.93 | 1.59 | |
| 5 | 12.70 | SAM1104-05-ND | 2.26 | 2.02 | 1.67 | |
| 6 | 15.24 | SAM1104-06-ND | 2.37 | 2.12 | 1.75 | |
| 7 | 17.78 | SAM1104-07-ND | 2.48 | 2.22 | 1.83 | |
| 8 | 20.32 | SAM1104-08-ND | 2.58 | 2.32 | 1.91 | |
| 9 | 22.86 | SAM1104-09-ND | 2.69 | 2.41 | 1.99 | |
| 10 | 25.40 | SAM1104-10-ND | 2.80 | 2.51 | 2.07 | |
| 11 | 27.94 | SAM1104-11-ND | 2.91 | 2.61 | 2.15 | |
| 12 | 30.48 | SAM1104-12-ND | 3.02 | 2.71 | 2.23 | |
| 30µ" Gold Contact, Tin Shell | | | | | | |
| Low Profile (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1105-01-ND | 1.18 | 1.06 | .87 | |
| 2 | 5.08 | SAM1105-02-ND | 1.25 | 1.12 | .93 | |
| 3 | 7.62 | SAM1105-03-ND | 1.32 | 1.19 | .98 | |
| 4 | 10.16 | SAM1105-04-ND | 1.39 | 1.25 | 1.03 | |
| 5 | 12.70 | SAM1105-05-ND | 1.47 | 1.32 | 1.09 | |
| 6 | 15.24 | SAM1105-06-ND | 1.54 | 1.38 | 1.14 | |
| 7 | 17.78 | SAM1105-07-ND | 1.61 | 1.45 | 1.19 | |
| 8 | 20.32 | SAM1105-08-ND | 1.68 | 1.51 | 1.25 | |
| 9 | 22.86 | SAM1105-09-ND | 1.76 | 1.58 | 1.30 | |
| 10 | 25.40 | SAM1105-10-ND | 1.83 | 1.64 | 1.35 | |
| 11 | 27.94 | SAM1105-11-ND | 1.90 | 1.71 | 1.41 | |
| 12 | 30.48 | SAM1105-12-ND | 1.97 | 1.77 | 1.46 | |
| Low Profile (Standard Mount) | | | | | | |
| 1 | 2.54 | SAM1106-01-ND | 1.14 | 1.02 | .84 | |
| 2 | 5.08 | SAM1106-02-ND | 1.22 | 1.10 | .90 | |
| 3 | 7.62 | SAM1106-03-ND | 1.30 | 1.17 | .96 | |
| 4 | 10.16 | SAM1106-04-ND | 1.38 | 1.24 | 1.02 | |
| 5 | 12.70 | SAM1106-05-ND | 1.46 | 1.31 | 1.08 | |
| 6 | 15.24 | SAM1106-06-ND | 1.54 | 1.38 | 1.14 | |
| 7 | 17.78 | SAM1106-07-ND | 1.62 | 1.45 | 1.20 | |
| 8 | 20.32 | SAM1106-08-ND | 1.70 | 1.52 | 1.26 | |
| 9 | 22.86 | SAM1106-09-ND | 1.78 | 1.60 | 1.32 | |
| 10 | 25.40 | SAM1106-10-ND | 1.86 | 1.67 | 1.37 | |
| 11 | 27.94 | SAM1106-11-ND | 1.94 | 1.74 | 1.43 | |
| 12 | 30.48 | SAM1106-12-ND | 2.02 | 1.81 | 1.49 | |
| Micro-Socket (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1107-01-ND | 1.53 | 1.38 | 1.13 | |
| 2 | 5.08 | SAM1107-02-ND | 1.62 | 1.45 | 1.20 | |
| 3 | 7.62 | SAM1107-03-ND | 1.71 | 1.53 | 1.26 | |
| 4 | 10.16 | SAM1107-04-ND | 1.79 | 1.61 | 1.33 | |
| 5 | 12.70 | SAM1107-05-ND | 1.88 | 1.69 | 1.39 | |
| 6 | 15.24 | SAM1107-06-ND | 1.97 | 1.77 | 1.45 | |
| 7 | 17.78 | SAM1107-07-ND | 2.05 | 1.84 | 1.52 | |
| 8 | 20.32 | SAM1107-08-ND | 2.14 | 1.92 | 1.58 | |
| 9 | 22.86 | SAM1107-09-ND | 2.23 | 2.00 | 1.65 | |
| 10 | 25.40 | SAM1107-10-ND | 2.32 | 2.08 | 1.71 | |
| 11 | 27.94 | SAM1107-11-ND | 2.40 | 2.15 | 1.78 | |
| 12 | 30.48 | SAM1107-12-ND | 2.49 | 2.23 | 1.84 | |
| Tin Contact and Shell | | | | | | |
| Low Profile (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1108-01-ND | .80 | .72 | .59 | |
| 2 | 5.08 | SAM1108-02-ND | .84 | .76 | .63 | |
| 3 | 7.62 | SAM1108-03-ND | .89 | .80 | .66 | |
| 4 | 10.16 | SAM1108-04-ND | .93 | .84 | .69 | |
| 5 | 12.70 | SAM1108-05-ND | .97 | .87 | .72 | |
| 6 | 15.24 | SAM1108-06-ND | 1.02 | .91 | .75 | |
| 7 | 17.78 | SAM1108-07-ND | 1.06 | .95 | .79 | |
| 8 | 20.32 | SAM1108-08-ND | 1.10 | .99 | .82 | |
| 9 | 22.86 | SAM1108-09-ND | 1.15 | 1.03 | .85 | |
| 10 | 25.40 | SAM1108-10-ND | 1.19 | 1.07 | .88 | |
| 11 | 27.94 | SAM1108-11-ND | 1.23 | 1.11 | .91 | |
| 12 | 30.48 | SAM1108-12-ND | 1.28 | 1.15 | .95 | |
| Low Profile (Standard Mount) | | | | | | |
| 1 | 2.54 | SAM1109-01-ND | .71 | .64 | .53 | |
| 2 | 5.08 | SAM1109-02-ND | .76 | .69 | .57 | |
| 3 | 7.62 | SAM1109-03-ND | .81 | .73 | .60 | |
| 4 | 10.16 | SAM1109-04-ND | .86 | .78 | .64 | |
| 5 | 12.70 | SAM1109-05-ND | .91 | .82 | .68 | |
| 6 | 15.24 | SAM1109-06-ND | .97 | .87 | .72 | |
| 7 | 17.78 | SAM1109-07-ND | 1.02 | .91 | .75 | |
| 8 | 20.32 | SAM1109-08-ND | 1.07 | .96 | .79 | |
| 9 | 22.86 | SAM1109-09-ND | 1.12 | 1.00 | .83 | |
| 10 | 25.40 | SAM1109-10-ND | 1.17 | 1.05 | .87 | |
| 11 | 27.94 | SAM1109-11-ND | 1.22 | 1.10 | .90 | |
| 12 | 30.48 | SAM1109-12-ND | 1.27 | 1.14 | .94 | |
| Micro-Socket (Hollow Leg) | | | | | | |
| 1 | 2.54 | SAM1110-01-ND | .89 | .80 | .66 | |
| 2 | 5.08 | SAM1110-02-ND | .95 | .86 | .71 | |
| 3 | 7.62 | SAM1110-03-ND | 1.01 | .91 | .75 | |
| 4 | 10.16 | SAM1110-04-ND | 1.07 | .96 | .79 | |
| 5 | 12.70 | SAM1110-05-ND | 1.13 | 1.01 | .83 | |
| 6 | 15.24 | SAM1110-06-ND | 1.18 | 1.06 | .88 | |
| 7 | 17.78 | SAM1110-07-ND | 1.24 | 1.12 | .92 | |

| No. of Pos. | Dim. A (mm) | Digi-Key Part No.† | Price Each | 1 | 10 | 100 |
|---|-------------|--------------------|------------|------|------|-----|
| 8 | 20.32 | SAM1110-08-ND | 1.30 | 1.17 | .96 | |
| 9 | 22.86 | SAM1110-09-ND | 1.36 | 1.22 | 1.01 | |
| 10 | 25.40 | SAM1110-10-ND | 1.42 | 1.27 | 1.05 | |
| 11 | 27.94 | SAM1110-11-ND | 1.47 | 1.32 | 1.09 | |
| 12 | 30.48 | SAM1110-12-ND | 1.53 | 1.38 | 1.13 | |
| † More product available online. For pricing and availability, visit our website. | | | | | | |
| SDL Series | | | | | | |
| 30µ" Gold Contact, 10µ" Gold Shell | | | | | | |
| Low Profile (Hollow Leg) | | | | | | |
| 2 | 2.54 | SAM1133-01-ND | 3.33 | 2.99 | 2.46 | |
| 4 | 5.08 | SAM1133-02-ND | 3.51 | 3.14 | 2.59 | |
| 6 | 7.62 | SAM1133-03-ND | 3.68 | 3.30 | 2.72 | |
| 8 | 10.16 | SAM1133-04-ND | 3.86 | 3.45 | 2.85 | |
| 10 | 12.70 | SAM1133-05-ND | 4.03 | 3.61 | 2.97 | |
| 12 | 15.24 | SAM1133-06-ND | 4.20 | 3.77 | 3.10 | |
| 14 | 17.78 | SAM1133-07-ND | 4.38 | 3.92 | 3.23 | |
| 16 | 20.32 | SAM1133-08-ND | 4.55 | 4.08 | 3.36 | |
| 18 | 22.86 | SAM1133-09-ND | 4.73 | 4.23 | 3.49 | |
| 20 | 25.40 | | | | | |