

| No. of Pins |          | Dimension (mm) |       |       |
|-------------|----------|----------------|-------|-------|
| Single Row  | Dual Row | L1             | L2    | L3    |
|             | 004      | 5,08           | 2,54  |       |
|             | 006      | 7,62           | 5,08  | 2,54  |
| 004         | 008      | 10,16          | 7,62  | 5,08  |
| 005         | 010      | 12,70          | 10,16 | 7,62  |
| 006         | 012      | 15,24          | 12,70 | 10,16 |
| 007         | 014      | 17,78          | 15,24 | 12,70 |
| 008         | 016      | 20,32          | 17,78 | 15,24 |
| 009         | 018      | 22,86          | 20,32 | 17,78 |
| 010         | 020      | 25,40          | 22,86 | 20,32 |
| 011         | 022      | 27,94          | 25,40 | 22,86 |
| 012         | 024      | 30,48          | 27,94 | 25,40 |
| 013         | 026      | 33,02          | 30,48 | 27,94 |
| 014         | 028      | 35,56          | 33,02 | 30,48 |
| 015         | 030      | 38,10          | 35,56 | 33,02 |
| 016         | 032      | 40,64          | 38,10 | 35,56 |
| 017         | 034      | 43,18          | 40,64 | 38,10 |
| 018         | 036      | 45,72          | 43,18 | 40,64 |
| 019         | 038      | 48,26          | 45,72 | 43,18 |
| 020         | 040      | 50,80          | 48,26 | 45,72 |
| 021         | 042      | 53,34          | 50,80 | 48,26 |
| 022         | 044      | 55,88          | 53,34 | 50,80 |
| 023         | 046      | 58,42          | 55,88 | 53,34 |
| 024         | 048      | 60,96          | 58,42 | 55,88 |
| 025         | 050      | 63,50          | 60,96 | 58,42 |
| 026         | 052      | 66,04          | 63,50 | 60,96 |
| 027         | 054      | 68,58          | 66,04 | 63,50 |
| 028         | 056      | 71,12          | 68,58 | 66,04 |
| 029         | 058      | 73,66          | 71,12 | 68,58 |
| 030         | 060      | 76,20          | 73,66 | 71,12 |
| 031         | 062      | 78,74          | 76,20 | 73,66 |
| 032         | 064      | 81,28          | 78,74 | 76,20 |
| 033         | 066      | 83,82          | 81,28 | 78,74 |
| 034         | 068      | 86,36          | 83,82 | 81,28 |
| 035         | 070      | 88,90          | 86,36 | 83,82 |
| 036         | 072      | 91,44          | 88,90 | 86,36 |
| 037         | 074      | 93,98          | 91,44 | 88,90 |
| 038         | 076      | 96,52          | 93,98 | 91,44 |
| 039         | 078      | 99,06          | 96,52 | 93,98 |
| 040         | 080      | 101,60         | 99,06 | 96,52 |

Single Row - SS1 Series

140 Style

141 Style

Recommended PCB Layout Top View (Tolerance ±0.05)

Recommended PCB Layout Top View (Tolerance ±0.05)

Dual Row - SS2 Series

140 Style

Recommended PCB Layout Top View (Tolerance ±0.05)

0.64 sq. 6.50 2.54 0.28 L3±0.15

6.50 A±0.25 B±0.25 7.50 0.15 0.60 3.25 8.40 1.27 2.54 1.80

Order Code

SSx-xxx-HX14x/xx-xx X

Rows

Single Row = 1

Dual Row = 2

No. of Pin

Single Row = 004 to 040

Dual Row = 004 to 080

Material

Standard ("C"=2.54mm) PA6T = H

if "C"=1.50mm PA6T = TH

"C"=2.54mm PA9T = HN

Option

without "locating pegs"

A = Tube; with PickUp Cap

B = Reel; with PickUp Cap

with "locating pegs"

C = Tube; without PickUp Cap

D = Tube; with PickUp Cap

E = Reel; with PickUp Cap

Plating

55 = Gold flash (Standard)

66 = 10µ" Gold

77 = 15µ" Gold

88 = 30µ" Gold

99 = Tin

Duplex plating

95 = Tin/Gold flash

96 = Tin/10µ" Gold

97 = Tin/15µ" Gold

98 = Tin/30µ" Gold

Material

Contact: Brass

Plating: Gold, Tin or Duplex

\*Duplex = Tin on solder area,

Gold plated on contact area

Insulator: PA6T or PA9T (black) UL 94V-0

Operating temperature: -40°C to +105°C

Processing temperature: +250°C +0/-5°C

for 5 seconds

Specifications

Electrical

Current rating: 3A

Insulation resistance: 1000MΩ min.

Contact resistance: 20mΩ max.

Withstanding voltage: 500V AC / Minute

RoHS compliant

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| UNIT  | mm   | GENERAL TOLERANCE |            | DRAWN   | DATE       | DWG. NO.             | SHEET 1/2 |
|-------|------|-------------------|------------|---------|------------|----------------------|-----------|
| SCALE | Free | X.° ±             | X. ±       | Lyndon  | 15.04.2008 | SS-H14/              | REV. A18  |
|       |      | .X° ±             | .X ±       | Hogi    | 08.03.2019 | SERIES NO.           |           |
|       |      | .XX° ±            | .XX ± 0.25 | APPROVE | DATE       | SSx-xxx-HX14x/xx-xxX |           |
|       |      | .XXX° ±           | .XXX ±     | Hogi    | 08.03.2019 |                      |           |

Pin Header

2.54mm Pitch -SMT- Straight

Single & Dual Row

