

HSF

NOTES:

Rated Current: 5.0AMP.(20°C, 1*2P-1*15P)
3.0AMP.(20°C, 1*16P-1*40P)

Contact Resistance: 20mΩ Max.
Withstand Voltage: 1000V AC/DC
Insulation Resistance: 1000MΩ Min.
Operation Temperature: -40°C to +125°C (Gold Plating)
-40°C to +105°C (Tin Plating)

Contact Material: Brass
Contact Plating: Au or Sn Over 30u" Min Ni
Insulator Material: PA9T+G.F UL94V-0 BK

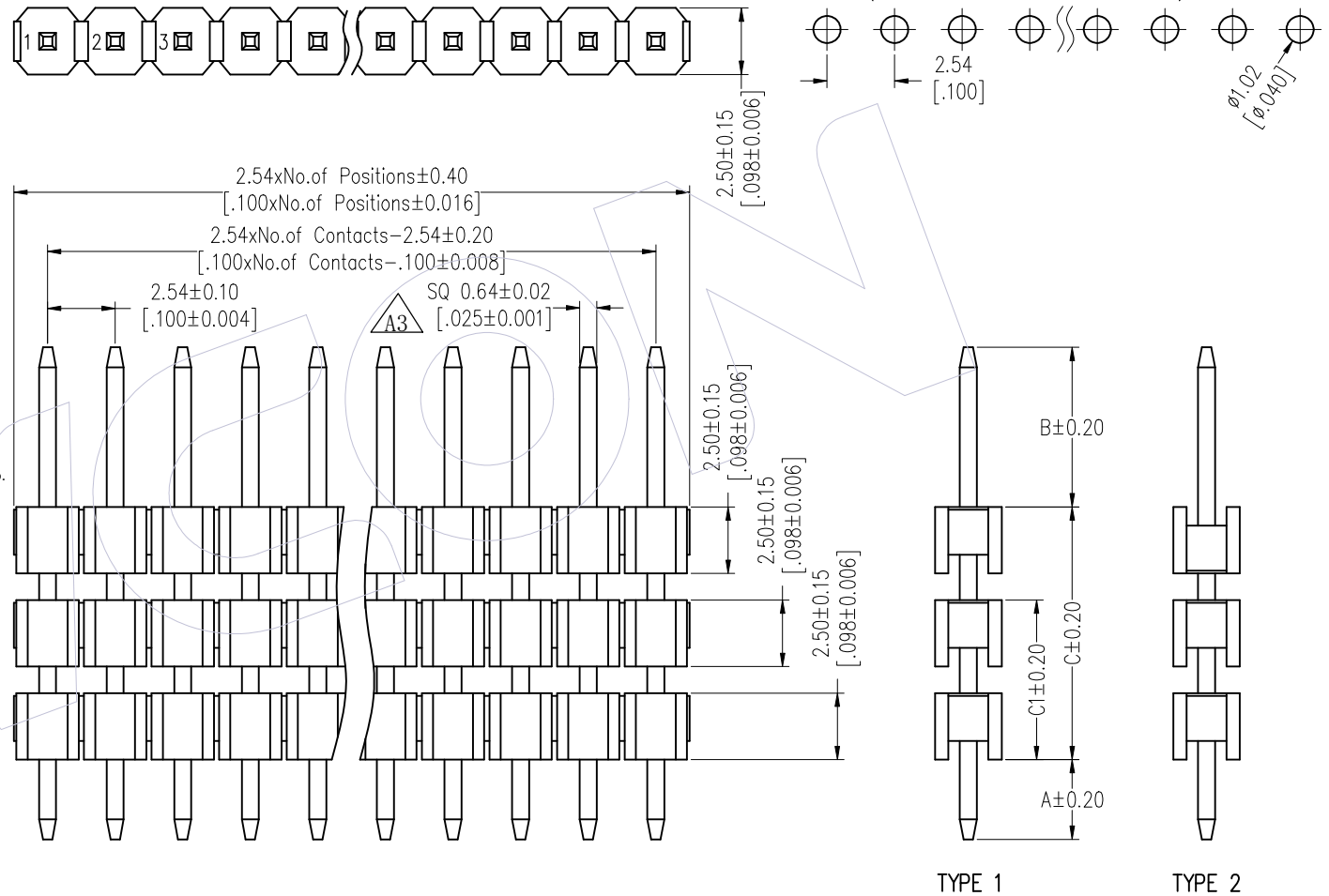
Ordering Information

1125- 3 1 XX XX S XXX C X XX

Plastic Layer
Plastic Row
No. of Pins Per Row: 02~40
Contact Plating
G0=Gold Flash
G3=10u"Au, BG3=8u"PdNi+2u"Au
G4=15u"Au, BG4=13u"PdNi+2u"Au
G5=30u"Au, BG5=28u"PdNi+2u"Au
S0=Gold Flash/Tin
S3=10u"Au/Sn, P3=8u"PdNi+2u"Au/Sn
S4=15u"Au/Sn, P4=13u"PdNi+2u"Au/Sn
S5=30u"Au/Sn, P5=28u"PdNi+2u"Au/Sn
SN=Bright Tin
SM=Matte Tin

Series No. 01~99
Packing 0=PE Bag T=Tube
Insulator Material C=PA9T
Pin Length See Table 1
Type: S:S/T

Recommended P.C.B Layout (Top Side)
(PCB BOARD TOLERANCE ±0.05)
(PCB Thickness: T=1.60mm)



| | | | | | | | | | |
|-----|------------|--------------------------|--------------|-------------|-------------|------------|-------|--------------|---|
| A3 | 2025/07/14 | Standardization Drawing | CP | OPERATION | DRAW | DATE | SCALE | Fit | PART NO. 1125-31XXXXXXXCOXX A1 A2 |
| A2 | 2018/06/02 | Cancel PBT & Modify P/N | XSR | x.X ±0.40 | CP | 2025/07/14 | UNIT | mm | |
| A1 | 2018/01/22 | Modify P/N | Ruipeng | x.XX ±0.25 | CHECK | DATE | SIZE | A4 | TITLE: PH2.54 SINGLE ROW THREE PLASTIC 180° H=2.5 |
| A0 | 2012/05/17 | NEW | William Chen | x.XXX ±0.15 | TANG | 2025/07/14 | SHEET | 1/2 | |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | Angle ± 3° | APPROVE | DATE | PROJ. | Customer NO. | |
| | | | | DIM TOL | Steven Zhao | 2025/07/14 | | | |

WCON
Http: www.wcon.com

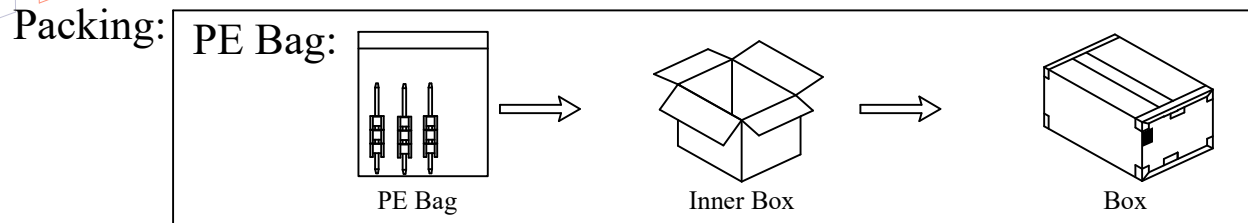
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Packaging Quantity Refers To The Following Table

Table 1

| Item | L | C | C1 | A | B | Mating | PINS | Q'ty/Bag (10.0 < L ≤ 16.0) | PINS | Q'ty/Bag (10.0 < L ≤ 16.0) | PINS | Q'ty/Bag (16.0 < L ≤ 19.2) | PINS | Q'ty/Bag (16.0 < L ≤ 19.2) | PINS | Q'ty/Bag (19.2 < L ≤ 30.0) | PINS | Q'ty/Bag (19.2 < L ≤ 30.0) | | |
|-----------|------|-------------|-------------|-----------------|------|-----------------|------|-------------------------------|------|-------------------------------|------|-------------------------------|------|-------------------------------|------|-------------------------------|------|-------------------------------|----|-----|
| Standard | 14.0 | 7.5 | 5.0 | 3.0 | 3.5 | 2135/2150T/2157 | 1 | 1000 | 21 | 200 | 1 | 1000 | 21 | 200 | 1 | 1000 | 21 | 100 | | |
| | 14.5 | | | | 4.0 | 2145/2150 | 2 | 1000 | 22 | 200 | 2 | 1000 | 22 | 200 | 2 | 1000 | 22 | 100 | | |
| | 15.5 | | | | 5.0 | 2168T/2171T | 3 | 1000 | 23 | 200 | 3 | 1000 | 23 | 200 | 3 | 1000 | 23 | 100 | | |
| | 16.3 | | | | 5.84 | 2171/2185X | 4 | 1000 | 24 | 200 | 4 | 1000 | 24 | 200 | 4 | 500 | 24 | 100 | | |
| | 17.5 | 11.0 | 5.0 | | 3.5 | 2135/2150T/2157 | 5 | 1000 | 25 | 200 | 5 | 400 | 25 | 200 | 5 | 500 | 25 | 100 | | |
| | 18.0 | | | | 4.0 | 2145/2150 | 6 | 1000 | 26 | 200 | 6 | 400 | 26 | 200 | 6 | 500 | 26 | 100 | | |
| | 19.0 | | | | 5.0 | 2168T/2171T | 7 | 500 | 27 | 200 | 7 | 400 | 27 | 200 | 7 | 500 | 27 | 100 | | |
| | 19.8 | | | | 5.84 | 2171/2185X | 8 | 500 | 28 | 200 | 8 | 400 | 28 | 200 | 8 | 500 | 28 | 100 | | |
| | 20.5 | | | | 14.0 | 8.25 | 3.5 | 2135/2150T/2157 | 9 | 500 | 29 | 200 | 9 | 400 | 29 | 200 | 9 | 300 | 29 | 100 |
| | 21.0 | | | | | | 4.0 | 2145/2150 | 10 | 500 | 30 | 200 | 10 | 400 | 30 | 100 | 10 | 300 | 30 | 100 |
| | 22.0 | 5.0 | 2168T/2171T | | | | 11 | 500 | 31 | 200 | 11 | 300 | 31 | 100 | 11 | 300 | 31 | 100 | | |
| | 22.8 | 5.84 | 2171/2185X | | | | 12 | 500 | 32 | 200 | 12 | 300 | 32 | 100 | 12 | 300 | 32 | 100 | | |
| | 25.0 | 18.4 | 5.0 | | 3.5 | 2135/2150T/2157 | 13 | 500 | 33 | 200 | 13 | 300 | 33 | 100 | 13 | 200 | 33 | 100 | | |
| | 25.5 | | | | 4.0 | 2145/2150 | 14 | 500 | 34 | 200 | 14 | 300 | 34 | 100 | 14 | 200 | 34 | 100 | | |
| 26.5 | 5.0 | | | 2168T/2171T | 15 | 500 | 35 | 200 | 15 | 300 | 35 | 100 | 15 | 200 | 35 | 100 | | | | |
| 26.5 | 5.84 | | | 2171/2185X | 16 | 400 | 36 | 200 | 16 | 200 | 36 | 100 | 16 | 150 | 36 | 100 | | | | |
| 27.3 | 3.5 | | | 2135/2150T/2157 | 17 | 400 | 37 | 200 | 17 | 200 | 37 | 100 | 17 | 150 | 37 | 100 | | | | |
| 27.3 | 4.0 | | | 2145/2150 | 18 | 300 | 38 | 200 | 18 | 200 | 38 | 100 | 18 | 150 | 38 | 100 | | | | |
| Standard | 13.0 | 7.5 | 5.0 | 2.0 (THR) | 3.5 | 2135/2150T/2157 | 19 | 300 | 39 | 200 | 19 | 200 | 39 | 100 | 19 | 150 | 39 | 100 | | |
| | 13.5 | | | | 4.0 | 2145/2150 | 20 | 200 | 40 | 200 | 20 | 200 | 40 | 100 | 20 | 150 | 40 | 100 | | |
| | 14.5 | | | | 5.0 | 2168T/2171T | 13 | 500 | 33 | 200 | 13 | 300 | 33 | 100 | 13 | 200 | 33 | 100 | | |
| | 15.3 | | | | 5.84 | 2171/2185X | 14 | 500 | 34 | 200 | 14 | 300 | 34 | 100 | 14 | 200 | 34 | 100 | | |
| | 16.5 | 11.0 | 5.0 | | 3.5 | 2135/2150T/2157 | 15 | 500 | 35 | 200 | 15 | 300 | 35 | 100 | 15 | 200 | 35 | 100 | | |
| | 17.0 | | | | 4.0 | 2145/2150 | 16 | 400 | 36 | 200 | 16 | 200 | 36 | 100 | 16 | 150 | 36 | 100 | | |
| | 18.0 | | | | 5.0 | 2168T/2171T | 17 | 400 | 37 | 200 | 17 | 200 | 37 | 100 | 17 | 150 | 37 | 100 | | |
| | 18.8 | | | | 5.84 | 2171/2185X | 18 | 300 | 38 | 200 | 18 | 200 | 38 | 100 | 18 | 150 | 38 | 100 | | |
| | 19.5 | | | | 14.0 | 8.25 | 3.5 | 2135/2150T/2157 | 19 | 300 | 39 | 200 | 19 | 200 | 39 | 100 | 19 | 150 | 39 | 100 |
| | 20.0 | | | | | | 4.0 | 2145/2150 | 20 | 200 | 40 | 200 | 20 | 200 | 40 | 100 | 20 | 150 | 40 | 100 |
| 21.0 | 5.0 | 2168T/2171T | 13 | 500 | | | 33 | 200 | 13 | 300 | 33 | 100 | 13 | 200 | 33 | 100 | | | | |
| 21.8 | 5.84 | 2171/2185X | 14 | 500 | | | 34 | 200 | 14 | 300 | 34 | 100 | 14 | 200 | 34 | 100 | | | | |
| 24.0 | 18.4 | 5.0 | 3.5 | 2135/2150T/2157 | 15 | 500 | 35 | 200 | 15 | 300 | 35 | 100 | 15 | 200 | 35 | 100 | | | | |
| 24.5 | | | 4.0 | 2145/2150 | 16 | 400 | 36 | 200 | 16 | 200 | 36 | 100 | 16 | 150 | 36 | 100 | | | | |
| 25.5 | | | 5.0 | 2168T/2171T | 17 | 400 | 37 | 200 | 17 | 200 | 37 | 100 | 17 | 150 | 37 | 100 | | | | |
| 26.3 | | | 5.84 | 2171/2185X | 18 | 300 | 38 | 200 | 18 | 200 | 38 | 100 | 18 | 150 | 38 | 100 | | | | |
| Alternate | | | | | | | | | | | | | | | | | | | | |



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|-----|------------|--------------------------|--------------|-------------|-------------|------------|-------|--------------|--|
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| A0 | 2012/05/17 | NEW | William Chen | x.xxx ±0.15 | TANG | 2025/07/14 | SHEET | 2/2 | |
| REV | DATE | MODIFICATION DESCRIPTION | CHANGE | Angle ± 3° | APPROVE | DATE | PROJ. | Customer NO. | WCON-Dongguan Tel: +86 769 85358920 Fax: +86 769 85358915 E-mail: sales@wcon.com |
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