# Datasheet
## New3.5mm Plug with Flange 8A 4 Way
**RS Stock 874-5155**

## Dimensions: (mm)

| P | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|---|---|---|---|---|---|---|---|---|----|----|
| U | 3.81 | 7.62 | 11.43 | 15.24 | 19.05 | 22.86 | 26.67 | 30.48 | 34.29 | 38.1 |
| V | 18.01 | 21.82 | 25.63 | 29.44 | 33.25 | 37.06 | 40.87 | 44.68 | 48.49 | 52.3 |
| P | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | |
| U | 41.91 | 45.72 | 49.53 | 53.34 | 57.15 | 60.96 | 64.77 | 68.58 | 72.39 | |
| V | 56.11 | 59.92 | 63.73 | 67.54 | 71.35 | 75.16 | 78.97 | 82.78 | 86.59 | |

6.90

12.22

11.70

6.65

6.60

20.80

3.81

2.60   4.50   U=3.81X(P−1)   4.50

V=3.81XP+10.39
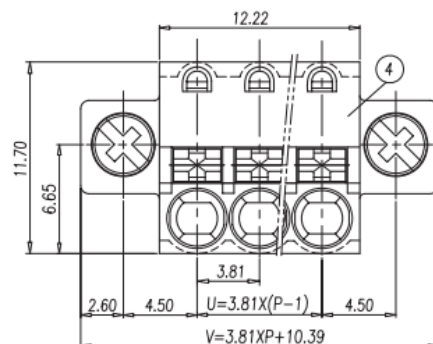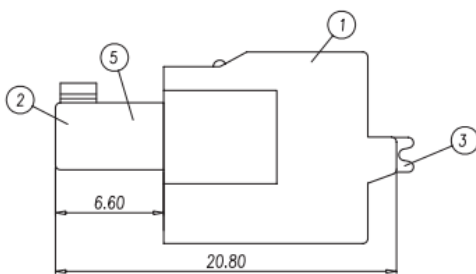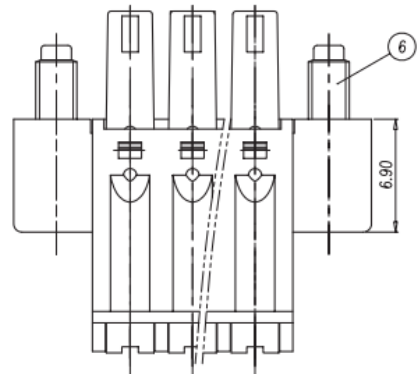
# Specifications

- Rating: 300V 8A
- Pitch: 3.81mm
- Insulation Withstands Voltage: AC 2000 V at 1 minute
- Insulation Resistance: 500M or more at DC500V
- Using Temperature Range: -40 ~ +105
- Suitable Electric Wire: 28~16 AWG
- RoHS Compliance

## Materials

- Housing: PA66 Green
- Cover: UL94-VO Green
- Lever: POM Orange
- Clamp: SU301
- Solder Pin: Copper Alloy / Tin Plated
- Screw: Steel / ZN Plated

| Normal Geometric Tolerancing | | | | |
|---|---|---|---|---|
| — | // | ⟌ | ⊥ | |
| 0 to 100   0.2<br>over 100 to 150   0.3<br>over 150   0.5 | | 0.3 | 0 to 10   0.2<br>over 10   0.3 | |

| Total Pitch Tolerances | | Normal dimension Tolerances | |
|---|---|---|---|
| 0<U<=30 | ±0.20 | 0~30 | ±0.25 |
| 30<U<=53 | ±0.25 | over 30~53 | ±0.30 |
| 53<U<=70 | ±0.30 | over 53~70 | ±0.35 |
| 70<U<=90 | ±0.35 | over 70~90 | ±0.44 |
| 90<U<=115 | ±0.44 | over 90~115 | ±0.55 |
| 115<U<=150 | ±0.55 | over 115~150 | ±0.70 |
| 150<U<=200 | ±0.70 | over 150~200 | ±0.85 |
| 200<U<=250 | ±0.85 | over 200~250 | ±1.00 |
| 250<U<=320 | ±1.00 | over 250~320 | ±1.20 |