## Datasheet

## New3.5mm Header Horizontal with Flanges 8A

 RS Stock 874-5329

## Dimensions: (mm)



RS, Professionally Approved Products, gives you professional quality parts across all products categories. Our range has been testified by engineers as giving comparable quality to that of the leading brands without paying a premium price.

## Specifications

- Rated Voltage: 300V 8A
- Rated Current: 8A
- Pitch: 3.81 mm
- Contact Resistance: $20 \mathrm{~m} \Omega$
- Insulation Withstands Voltage: AC 2000 V at 1 minute
- Insulation Resistance: $500 \Omega \mathrm{M}$ or more at DC500V
- Using Temperature Range: $-40^{\circ} \mathrm{C}{ }^{\sim}+105^{\circ} \mathrm{C}$
- Suitable Electric Wire: 28~16 AWG
- RoHS Compliance


## Materials

- Housing: PA66 / UL94V-0
- Pin Head: Brass Tin Plated

|  | 1 inear dimension |  |  |  |  |  | chamfer |  | ¢ short angle sid |  |  |  | $\overline{=}$ | - | $\square$ | // | $\perp$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{\|l} \text { variable } \\ \text { range } \end{array}$ | $\begin{array}{\|l\|} \hline \text { to } \\ 6 \\ \hline \end{array}$ | over <br> 6 <br> to <br> 30 | $\begin{array}{\|l\|} \hline \text { over } \\ 30 \\ \text { to } \\ 120 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \text { over } \\ 120 \\ \text { to } \\ 480 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \text { over } \\ 480 \\ \text { to } \end{array}$ |  | $\begin{aligned} & \text { to } \\ & 6 \end{aligned}$ | $\begin{aligned} & \hline \text { over } \\ & 6 \\ & \text { to } \end{aligned}$ | $\begin{array}{\|l} \text { to } \\ 10 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \text { over } \\ 10 \\ \text { to } \\ 50 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \text { over } \\ 50 \\ \text { to } \\ 120 \\ \hline \end{array}$ | $\begin{array}{\|l\|} \hline \text { over } \\ 120 \\ \text { to } \end{array}$ | all | $\begin{aligned} & \text { to } \\ & 5 \end{aligned}$ | $\begin{aligned} & \hline \text { over } \\ & 5 \\ & \text { to } \\ & 30 \end{aligned}$ | $\begin{aligned} & \hline \text { over } \\ & 30 \\ & \text { to } \\ & 120 \\ & \hline \end{aligned}$ | $\begin{aligned} & \hline \text { over } \\ & 120 \\ & \text { to } \end{aligned}$ |
| tolerance | $\pm 0.1$ | $\pm 0.2$ | $\pm 0.3$ | $\pm 0.5$ | $\pm 0.9$ | $\pm 0.2$ | $\pm 0.5$ | $\pm 1$ | $1{ }^{\circ}$ | $30^{\prime}$ | $20^{\prime}$ | 10' | 0.5 | 0.025 | 0.06 | 0.12 | 0.4 |

