Gspk Circuits Stripboard and Accessories Kit

Desoldering Wick

2903891

Features

Braid Material	: Oxide Free Copper
Width	: 1.5mm
Length	: 1.5m
Product Range	: 400 Series Series

Braid Desoldering Instructions

Wicking works best for the removal of surface solders. This desoldering method is generally not recommended for removal of solder in through plated holes. While the use of desoldering (wicking) braids is not hard, it does require a moderate to advance skill level depending on the project. Novices should practice on scrap pieces before attempting to an actual repair.

Equipment and Material Needed

- Solder iron equipped with a chisel tip that matches the size of the wick
- Damp sponge
- Scissors
- (Optional) flux—like the MG 8341 No Clean Flux Paste
- (Optional) cleaners—like the MG 4140 Flux Remover or 413B Heavy Duty Flux Removers

Preparation Steps

- Remove conformal coating that may be present.
- Clean residues/oxides that are present using a flux remover.
- For lead-free solder, start with tip temperature of about 315 °C and adjust as necessary.
- Choose a braid that matches the size of the solder to be removed. If there are small beads, choosing a wider braid will also speed up the desoldering process.

To Remove Surface Solder

1. Heat up the soldering iron.
2. (Optional) Apply flux to the lead or land area.
3. Set the braid on the solder to be removed.
4. Place the solder tip on the braid, avoiding contact with other components.
5. When wicking action has ceased, remove the soldering iron and braid together in perpendicular motion from the surface.
6. Let the area cool, clean the tip with the sponge, and repeat removal steps as necessary.
7. Clean flux residue that may have accumulated.

Solder Wire

147899

Features

Flux Type	: Rosin
External Diameter - Metric	: 1.22mm
External Diameter - Imperial	: 0.048"
Melting Temperature	: 183°C

Gspk Circuits Stripboard and Accessories Kit
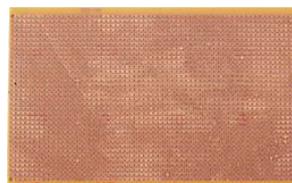
Stripboard

147899

Features

Board Type   : Stripboard
External Height   : 114.3mm
External Width   : 365.8mm
Board Thickness   : 1.6mm

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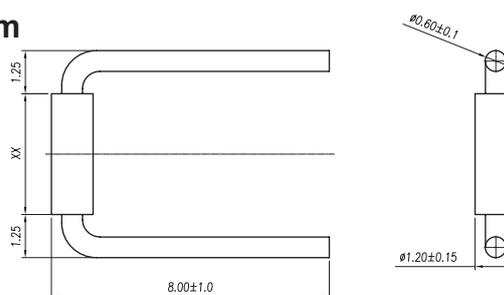
Features

Board Type   : Eurocard
Board Material   : Epoxy Paper
Hole Diameter   : 1mm
External Height   : 100mm
External Width   : 160mm
Board Thickness   : 1.6mm

Jumper Wire Kit

2770338

Diagram

Dimensions : Millimetres

Linear Dimension (Tolerance Standard GB/T 14486-2008)												≡	—	▱	//	⊥
Variable Range	to 6	Over 6 to 10	Over 10 to 18	Over 18 to 30	Over 30 to 50	Over 50 to 80	Over 80 to 120	Over 120 to 160	Over 160 to 200	Over 200 to 250	Over 250 to	all	to 5	Over 5 to 30	Over 30 to 120	Over 120 to
Tolerance	±0.1	±0.14	±0.19	±0.25	±0.32	±0.45	±0.57	±0.72	±0.88	±1.05	±1.25	0.5	0.025	0.06	0.12	0.4

Notes:

1. XX for lengths of jumper wires
2. Wires Lengths, Colours and Quantity:
   2mm: bare wire, 10 Pcs
   5mm: Red, 10 Pcs
   7mm: Orange, 10 Pcs
   10mm: Yellow, 10 Pcs
   12mm: Green, 10 Pcs
   15mm: Blue, 10 Pcs
   17mm: Purple, 10 Pcs
   20mm: Grey, 10 Pcs
   22mm: White, 10 Pcs
   25mm: Brown,10 Pcs
   50mm: Red, 10 Pcs
   75mm: Orange, 10 Pcs
   100mm: Yellow, 10 Pcs
   125mm: Green, 10 Pcs
3. Wire Range: 22AWG/Single Conductor

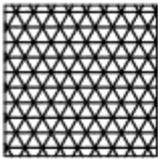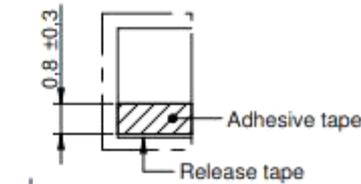# Gspk Circuits Stripboard and Accessories Kit
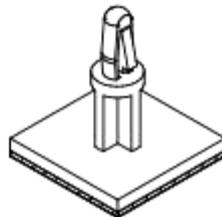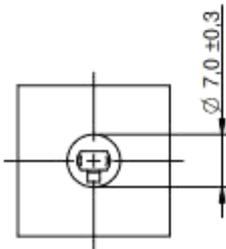
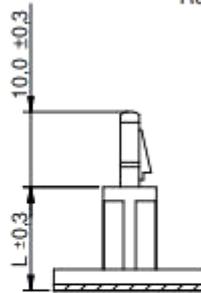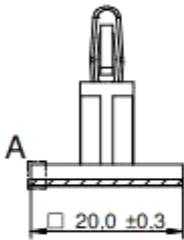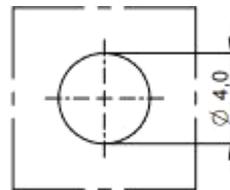## PCB Feet

Features

PCB Support Type	: Lock-In Support With Adhesive Base
PCB Support Material	: Nylon 6.6 (Polyamide 6.6)
Colour	: Natural
Height	: 9.9mm
External Width	: 7mm
Product Range	: WA-SNAD Series
Operating Temperature	: -30°C to +85°C

2987536

detail A

0.8 ±0.3

Adhesive tape

Release tape

Drilling in Panel

Ø 4,0

10,0 ±0.3

L ±0.3

A

□ 20,0 ±0.3

Ø 7,0 ±0.3

Dimensions : Millimetres

Pack of 100 Solder Pins

Features

Accessory Type	: Solder Pin
For Use With	: PCB

145282

Gspk Circuits Stripboard and Accessories Kit

Kit Content Description		
Order Code	**Description**	**Quantity**
2903891	Desoldering Wick	1
419448	Solder Wire	1
147899	Stripboard	5
451058	Stripboard	5
2770338	Jumper Wire Kit	2
2987536	PCB Feet	40
145282	Pack of 100 Solder Pins	1

Part Number Table

Description	Part Number
Gspk Circuits Stripboard & Accessories Kit	35421464