

FEATURES

- 2.54mm(0.100") terminal grid
- Side and end stackable
- Low profile (6mm)
- Kinked tails hold plug to PC board during soldering
- Single and dual row in several sizes
- High reliability and low cost
- Plug insulator may be broken off to create various length strips.
- Sockets are supplied in I/O unit strips and are easily separated to required length.
- RoHS compliance

SPECIFICATIONS

- Current rating: 1A per contact
- Contact resistance: 20mΩ max.
- Insulation resistance: 1000MΩ min. at 500V DC
- Insertion force: 1000g max./2 terminals
- Withdrawal force: 90g min./2 terminals
- Operating temperature: -55°C to 85°C

MATERIAL

- Insulator : DSP01 Glass-filled PBT (UL94V-0)
DSP02/03 Glass-filled Polyamide (UL94V-0)
- Contacts : Copper alloy
- Plating : Gold over Nickel

ORDER CODE

DSP01- 002 -430 G -

DSP02- -431 G

DSP03- -432 G

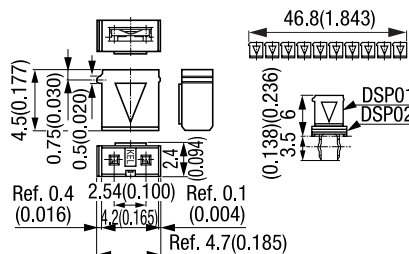
- Color
9 : White
0 : Black
2 : Red
5 : Green
6 : Blue
- G : Gold Plating (RoHS compliance)

• Terminal Style

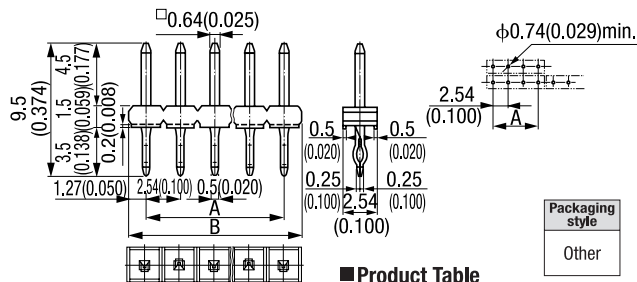
No. of contacts
 DSP01 : 002
 DSP02 : 002,004,006,008,010,012,
 014,016,020,030,060
 DSP03 : 003,004,008,012,024,048

- Series name
 DSP01 : Socket
 DSP02 : Dual inline plug
 DSP03 : Single inline plug

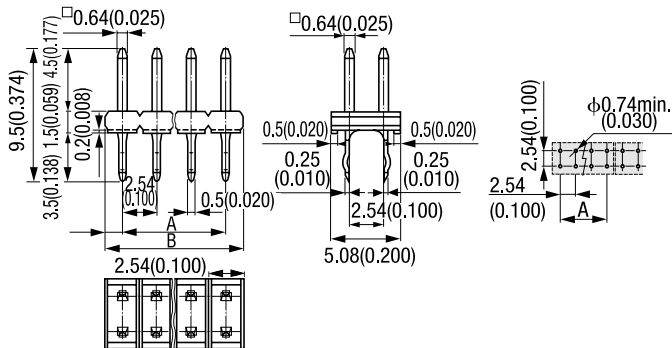
DSP01-002-430G-X



DSP03-XXX-432G



DSP02-XXX-431G



| | 2 | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 20 | 30 | 60 |
|---|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| A | — | 2.54 (0.100) | 5.08 (0.200) | 7.62 (0.300) | 10.16 (0.400) | 12.70 (0.500) | 15.24 (0.600) | 17.78 (0.700) | 22.86 (0.900) | 35.56 (1.400) | 73.66 (2.900) |
| B | 2.54 (0.100) | 5.08 (0.200) | 7.62 (0.300) | 10.16 (0.400) | 12.70 (0.500) | 15.24 (0.600) | 17.78 (0.700) | 20.32 (0.800) | 25.40 (1.000) | 38.10 (1.500) | 76.20 (3.000) |

| | 3 | 4 | 8 | 12 | 24 | 48 |
|---|-----------------|------------------|------------------|------------------|------------------|-------------------|
| A | 5.08 (0.200) | 7.62 (0.300) | 17.78 (0.700) | 27.94 (1.100) | 58.42 (2.300) | 119.38 (4.700) |
| B | 7.62 (0.300) | 10.16 (0.400) | 20.32 (0.800) | 30.48 (1.200) | 60.96 (2.400) | 121.92 (4.800) |

Product Table

| Part Number | Number of packaging |
|------------------|---------------------|
| DSP01-002-430G-□ | 1,000 |
| DSP02-□□□-431G | 100 |
| DSP03-□□□-432G | 100 |

| Packaging style |
|-----------------|
| Other |