



- ※Sealed IP67
- ※14.7x5.4x12mm
- ※Sloder Terminals & Wire with screw hole

- ※Automobile industry
- ※Consumer electronics

Contact Rating	3A at 250V AC
Mechanical Durability	500,000 cycles (30~60 Operations/min)
Electrical Durability	100,000 cycles (10~30 Operations/min)
Contact Resistance	150mΩ max.
Insulation Resistance	100MΩ min. (at 500V VDC)
Dielectric Strength	Between terminals of the same polarity: 600 V AC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and ground: 1500 V AC(50Hz or 60Hz) shall be applied across terminals for 1 minute
	Between each terminal and n-current-carrying metal parts 1500V AC (50Hz or 60Hz) shall be applied across terminals for 1 minute
Operating Frequency	Mechanical: 60 operations/min max. Electrical: 30 operations/min max.
Operating Temp.	-40°C ~ +85°C

M S 5 -

Rating: _____
 01=0.1A at 48 V AC
 0.1A at 125 V AC, 250 V AC
 3=3A at 12 V AC
 3A at 125 V AC, 250 V AC

Actuator: —
P=Pin Plunger

Force: _____
S=Standard

- Terminal Type:
W=Lead Wirt With
Connector
Wire: AWG24 UL 1007
COM: Black
NO: Blue
NC: Yellow

- Contact Form:
1=1c (SPDT)

Technical drawing of the DIP-162 connector showing top and side views with dimensions.

Top View Dimensions:

- Overall width: 18.50
- Overall height: 5.40
- Pin pitch (center-to-center): $2-\phi 2.95$
- Pin diameter: $2-1.40$

Side View Dimensions:

- Overall height: 12.00
- Pin height from base: 16.2
- Pin diameter: $\phi 3.30$
- Pin offset from center: 0.70
- Pin offset from base: 3.15
- Pin offset from base: 5.60
- Pin offset from base: 3.70
- Pin offset from base: 13.00
- Pin offset from base: 14.70
- Pin offset from base: 2.75
- Pin offset from base: 3.70
- Pin offset from base: OP
- Pin offset from base: FP

Labels and Features:

- DIP
- 2
- 3
- 1
- COM: BLACK (UL1007 24AWG)
- NO: BLUE (UL1007 24AWG)
- NC: YELLOW (UL1007 24AWG)
- 3 Pin Female JST PH-Style

ITEM	SPEC.
OPERATING FORCE	1.30N MAX.
RELEASE FORCE	0.13N MIN.
OVERTRAVEL	0.80mm MIN.
MOVEMENT DIFFERENTIAL	0.20mm MAX.
OPERATING POSITION	6.40~6.95mm
FREE POSITION	7.15±0.20mm
PRETRAVEL	0.80mm MAX.

