



Material
Housing Material: Thermoplastic PA9T, UL94V-0, green
Contact Terminal: Brass
Metallic Shell: Brass
Plating
Underplating: Nickel all over
Contact Plating: 1 " Gold
Solder Tail: Tin
Metallic Shell: Nickel
Electrical
Voltage Rating: 30 V AC
Current Rating: 4A
Contact Resistance: 30m Max.
Insulation resistance: 1000M Min.
Dielectric withstanding voltage: 500V AC/Minute
Mechanical
Durability: 5000 cycles
Mating Force: 35N 3.57Kgf Max
Unmating Force: 10N 1.02Kgf
Environmental and Processing
Operating Temperature: -40 C to 85 C

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|----------|---------|--------------|----------------|-----------------------|---------------------------------------|---------|-------|
| new | | 2015/5/3 | A | | | | |
| ECN BO. | | DESCRIPTION. | DATE. | | REV. | | |
| DESIGNED | CHECKED | APPROVAL | DRAWING NUMBER | SCALT: 1/2 | SCALE: 3:1 | | |
| Mikey | Tom | Jerry | PART NAME | HY-051N-3GRA035-5 | UNLESS OTHERWISE SPECIFIED,TOLERANCE: | X. | ±0.25 |
| | | | MODEL NAME | HY-051N-3GRA035-5 | | X.x | ±0.20 |
| | | | 3RD ANGLE PROJ | HANYONES TECH CO.,LTD | | X.xx | ±0.15 |
| | | | | FILE NO. | | ANGULAR | ±3' |