



ML-05XN-3GRA035

1Au 1u"
5Au 15u"
6Au 30u"

G: GREEN
B: BLACK
BL: BLUE

1PBT
2PA6T
3PA9T
4LCP

Material
Housing Material: Thermoplastic PA9T, UL94V-0, green
Contact Terminal: Brass
Metallic Shell: Brass
Plating
Underplating: Nickel all over
Contact Plating: 1u" Gold
Solder Tail: Tin
Metallic Shell: Nickel

Electrical
Voltage Rating: 30 V AC
Current Rating: 4A
Contact Resistance: 30mΩ Max.
Insulation resistance: 1000MΩ 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

TOLERANCE		APPROVALS		DATE			
X, XXX, X.XXX	±0.30, ±0.25, ±0.15	DRAWN	NICKLE-SHEN	2019.05.28	<p>广东茂连科技有限公司 GUANGDONG MAOLIAN TECHNOLOGY CO., LTD</p>		
ANGULAR ±1° UNLESS OTHERWISE SPECIFIED		CHECKED	NICKLE-SHEN	2019.05.28	<p>MODEL TYPE: USB 3.0 CONNECTOR</p>		UNIT: mm
APPROVED		DWG TYPE	CUST DWG	PROJECT CODE	PHD	SCALE	1:1
PART NO.		ML-05XN-3GRA035		DWG No.		REV. A0	