Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

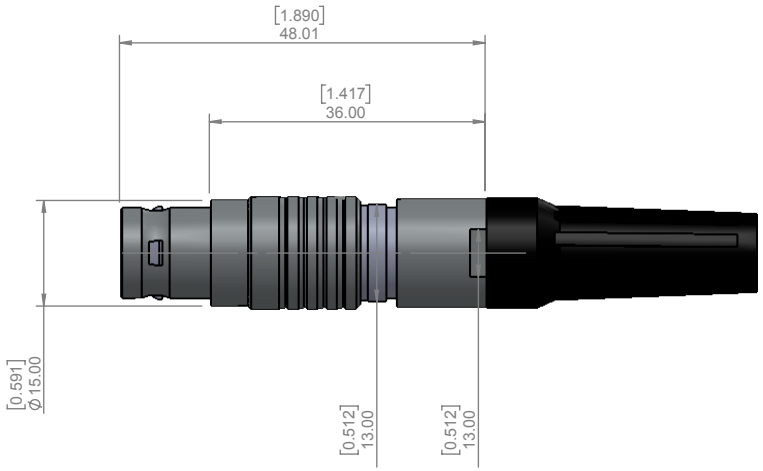
We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832
Email & Skype: info@chipsmall.com Web: www.chipsmall.com
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China

DESCRIPTION: QUIK-LOQ - MALE - CABLE MOUNT

UNITS = MM [INCHES]



CHARACTERISSTICS

MATERIALS

- HOUSING : BRASS
- HOUSING PLATING : 196µ" NICKEL MIN.
- SHELL & COLLET NUT: BRASS, 196µ" CHROME PLATED MIN.
- CONTACTS : COPPER ALLOY
- CONTACT PLATING : 7µ" GOLD PLATED OVER 196µ" NICKEL MIN.
- INSULATOR : PPS (HIGH TEMPERATURE)
- STRAIN RELIEF(BOOT) : THERMOPLASTIC POLYURETHANE

MECHANICAL

- DURABILITY: 5000 CYCLES
- OPERATING TEMP. RANGE: -40° C ~ +200° C
- PROCESS TEMPERATURE : 260°C FOR 5 SECONDS
- MAX. TOURQUE VALUE : 2.5 Nm [22.1 IN/LBS]
- SHIELDING: 75dB @ 10MHz
  40dB @ 1GHz

IP RATING: 50

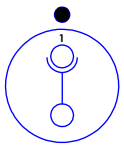
822B YYY - 1 7 3 L YY 1

- SERIES: 15.00 [0.591]
- # OF POSITIONS (Ex. 002) **SEE CHART A**
- 1 = MALE
- CABLE MOUNT
- NICKEL/CHROME PLATED SHELL
- RoHS COMPLIANT
- COLLET SIZE **SEE CHART B**
- 1 = GOLD FLASH

CHART A

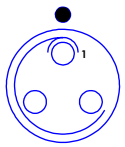
● = KEY LOCATION

VIEW FROM TERMINATION END



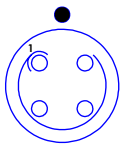
2 POSITION
14 AWG MAX.
30 AMP MAX.
PIN Ø = 2.00 [0.079]

CONTACT
RESISTANCE = 3 mΩ
TEST VOLTAGE = 2100V
WORKING VOLTAGE = 700V



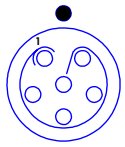
3 POSITION
18 AWG MAX.
17 AMP MAX.
PIN Ø = 1.60 [0.063]

CONTACT
RESISTANCE = 4 mΩ
TEST VOLTAGE = 2400V
WORKING VOLTAGE = 800V



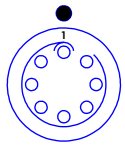
4 POSITION
20 AWG MAX.
15 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1850V
WORKING VOLTAGE = 610V



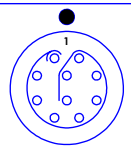
6 POSITION
20 AWG MAX.
12 AMP MAX.
PIN Ø = 1.30 [0.051]

CONTACT
RESISTANCE = 5 mΩ
TEST VOLTAGE = 1350V
WORKING VOLTAGE = 450V



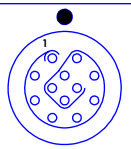
8 POSITION
22 AWG MAX.
10 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1500V
WORKING VOLTAGE = 500V



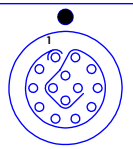
10 POSITION
22 AWG MAX.
8 AMP MAX.
PIN Ø = 0.90 [0.035]

CONTACT
RESISTANCE = 6 mΩ
TEST VOLTAGE = 1450V
WORKING VOLTAGE = 500V



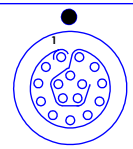
12 POSITION
24 AWG MAX.
7 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1250V
WORKING VOLTAGE = 480V



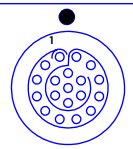
14 POSITION
24 AWG MAX.
6.5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 1150V
WORKING VOLTAGE = 380V



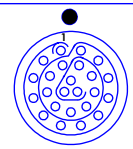
16 POSITION
24 AWG MAX.
6 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V



19 POSITION
24 AWG MAX.
5 AMP MAX.
PIN Ø = 0.70 [0.028]

CONTACT
RESISTANCE = 7.5 mΩ
TEST VOLTAGE = 850V
WORKING VOLTAGE = 280V



26 POSITION
28 AWG MAX.
2 AMP MAX.
PIN Ø = 0.50 [0.020]

CONTACT
RESISTANCE = 10 mΩ
TEST VOLTAGE = 950V
WORKING VOLTAGE = 315V

CHART B

COLLET SIZE	WIRE DIAMETER
50	4.30 [0.169] ~ 5.20 [0.205]
60	5.30 [0.209] ~ 6.20 [0.244]
70	6.30 [0.248] ~ 7.20 [0.283]
80	7.30 [0.287] ~ 8.20 [0.323]
90	8.30 [0.327] ~ 9.20 [0.362]
00	9.30 [0.366] ~ 10.20 [0.402]

RoHS COMPLIANT

NorComp

DRAWN:	DATE:	SCALE:	SHEET	OF	REV:
M. SIGMON	02-03-16	N.T.S.	1	1	6
CHECKED:	DATE:		DWG NO. 822BYYY-173LYY1		