

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







Customer Information Sheet SHEET 2 OF 2 IF IN DOUBT - ASK DRAWING No.: M90-3102R10SL-3S THIRD ANGLE PROJECTION NOT TO SCALE ALL DIMENSIONS IN mm SPECIFICATIONS: MATERIAL: SHELL = ALUMINIUM ALLOY INSULATOR = POLYCHLOROPRENE 25.40±0.79 GROMMET = POLYCHLOROPRENE CONTACT = COPPER ALLOY 18.26±0.12 5/8-24UNEF-2A Gasket FINISH: $3.05^{+0.25}_{-0.12}$ SHELL = ZINC WITH BLACK CHROMATE COATING CONTACT = SILVER ELECTRICAL: QURRENT RATING = 13 AMPS VOLTAGE RATING = 500V AC, 700V DC INSULATION RESISTANCE = 5,000 M Ω MIN 19.35 MAX ENVIRONMENTAL: TEMPERATURE RANGE = -55°C TO +125°C VIBRATION = 10 - 500Hz (10G) PER MIL-STD-1344, Method 2005 SALT SPRAY = 48 HRS, 5% SALT SOLUTION, PER MIL-STD-1344 Method 1001 14.28+0.79 HUMIDITY = 95±3%, 71±2°C, 14 DAYS Front of Socket insert MECHANICAL: 3.0±0.20 9.0 MAX COUPLING: THREADED **POLARISATION: SINGLE KEY/ KEYWAY** CONTACT TYPE: SOLDER 15.01.09 10228 CONTACT ARRANGEMENT: 3 CONTACTS NAME ISS. DATE C/NOTE DURABILITY 500 OPERATIONS **APPROVED OBSOLETE** CHECKED: NOTES: M.G.PLESTED DRAWN: 1. PRODUCT IS RoHS COMPLIANT CUSTOMER REF: 2. PRODUCT IS PACKED IN BAGS. 3. RECOMMENDED WIRE SIZE 16-22 AWG. ASSEMBLY DRG: MATERIAL: **TOLERANCES** TITLE: THIS INFORMATION AND ANY HARWIN INFORMATION OR DESCRIPTIVE PANEL MOUNT - $X_{\cdot} = \pm 1$ mm SEE ABOVE MATTER SET OUT HEREON ARE 3 SOCKET CONTACTS CONFIDENTIAL AND COPYRIGHT $X.X = \pm 0.25 mm$ PROPERTY OF THE HARWIN HARWIN USA HARWIN Europe (UK) **HARWIN Asia** $X.XX = \pm 0.10$ mm FINISH: DRAWING NUMBER: SHT GROUP AND MUST NOT BE TEL: 603 893 5376 TEL: 023 9231 4545 TEL: +65 6 779 4909 $X.XXX = \pm 0.01$ mm SEE ABOVE

 $ANGLES = \pm 5^{\circ}$

UNLESS STATED

OTHER PURPOSE WITHOUT

THEIR WRITTEN PERMISSION

S/AREA:

M90-3102R10SL-3S

OF

FAX: 603 893 5396

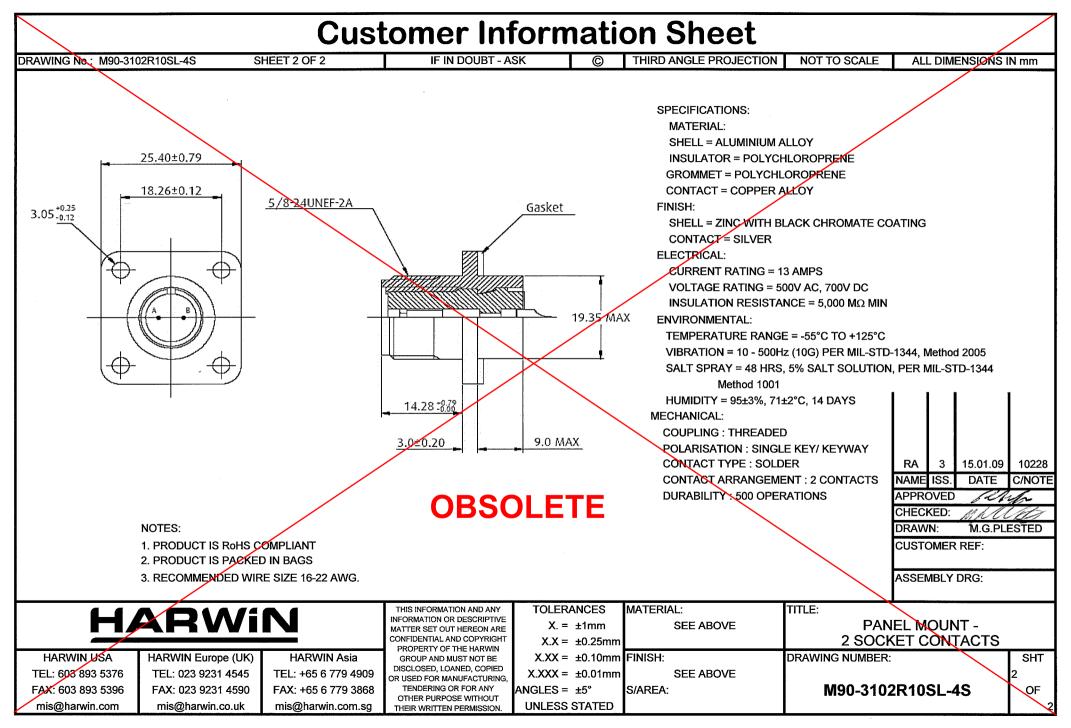
mis@harwin.com

FAX: 023 9231 4590

mis@harwin.co.uk

FAX: +65 6 779 3868

mis@harwin.com.sg



Customer Information Sheet DRAWING No.: M90-3102R12S-3S SHEET 1 OF 2 IF IN DOUBT - ASK NOT TO SCALE THIRD ANGLE PROJECTION ALL DIMENSIONS IN mm SPECIFICATIONS: MATERIAL: SHELL: ALUMINIUM ALLOY INSULATOR: NITRILE BUTADIENE RUBBER GROMMET: NITRILE BUTADIENE RUBBER CONTACT COPPER ALLOY --- 5.28 3/4-20UNEF-2A--GASKFT FINISH: SHELL: ZINC PLATED WITH BLACK CHROMATE COATING CONTACT: SILVER ELECTRICAL: CURRENT RATING: 13 AMPS VOLTAGE RATING: 500V AC, 700V DC INSULATION RESISTANCE: $5.000 \text{ M}\Omega$ MIN +0.25 $\emptyset 3.05$ 19.86 MECHANICAL: MAX COUPLING: THREADED POLARISATION: SINGLE KEY/KEYWAY CONTACT TYPE: SOLDER CONTACT ARRANGEMENT: 2 CONTACTS DURABILITY: 500 CYCLES **ENVIRONMENTAL:** 3.00 ± 0.20 9.00 MAX TEMPERATURE RANGE: -55°C TO -125°C +0.79 VIBRATION: 10-500Hz(10G), PER MIL-STD-1344, METHOD 2005 <20.62±0.12> SALT SPRAY: 48HRS.SALT SOLUTION 5%.PER MIL-1344. METHOD 1001 HUMIDITY: RELATIVE HUMIDITY 95±3%, 71°C±2°C, 14 DAYS 27.79±0.79 16.01.09 10228 **OBSOLETE** APPROVED: CHECKED: DRAWN: R. ADDE CUSTOMER REF.: NOTES: I. PRODUCT IS ROHS COMPLIANT 2. PRODUCT IS PACKED IN BAGS. ASSEMBLY DRG: 3. RECOMMENDED WIRE SIZE 16-22 AWG. THIS DRAWING AND ANY INFORMATION OR DESCRIPTIVE TOLERANCES MATERIAL: TITLE: CABLE CONNECTOR-MATTER SET OUT HEREON ARE CONFIDENTIAL AND COPYRIGHT $X.X = \pm 0.25 mm$ SEE ABOVE 2 PIN CONTACTS PROPERTY OF THE HARWIN $X.XX = \pm 0.10$ mm GROUP AND MUST NOT BE DISCLOSED, LOANED, COPIED HARWIN USA HARWIN Europe (UK) HARWIN Asia TEL: 603 893 5376 TEL: 023 9231 4545 TEL: +65 6 779 4909 FAX: 803 893 5396 FAX: 023 9231 4590 FAX: +65 6 779 3868 $X.XXX = \pm 0.01$ mm DRAWING NUMBER: OR USED FOR MANUFACTURING. FINISH: SHT TENDERING OR FOR ANY ANGLES = ±5° M90-3102R12S-3S OTHER PURPOSE WITHOUT mis@harwin.com S/AREA: mis@harwin.co.uk mis@harwin.com.sa THEIR WRITTEN PERMISSION UNLESS STATED

