

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

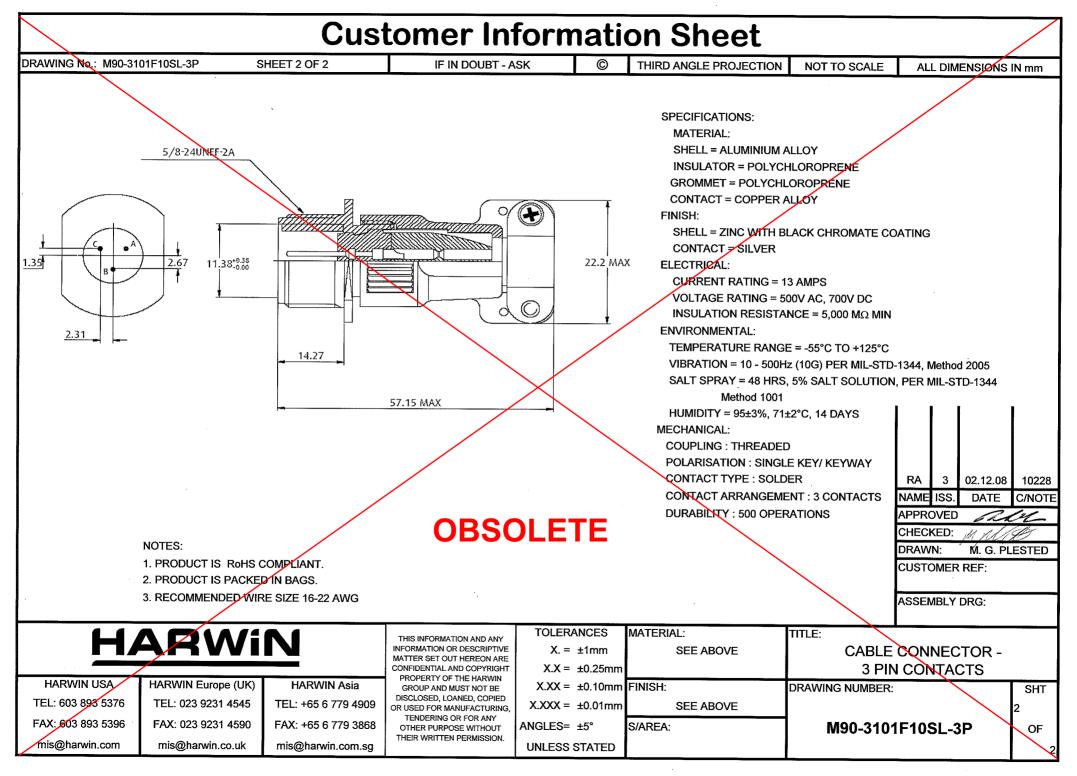
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

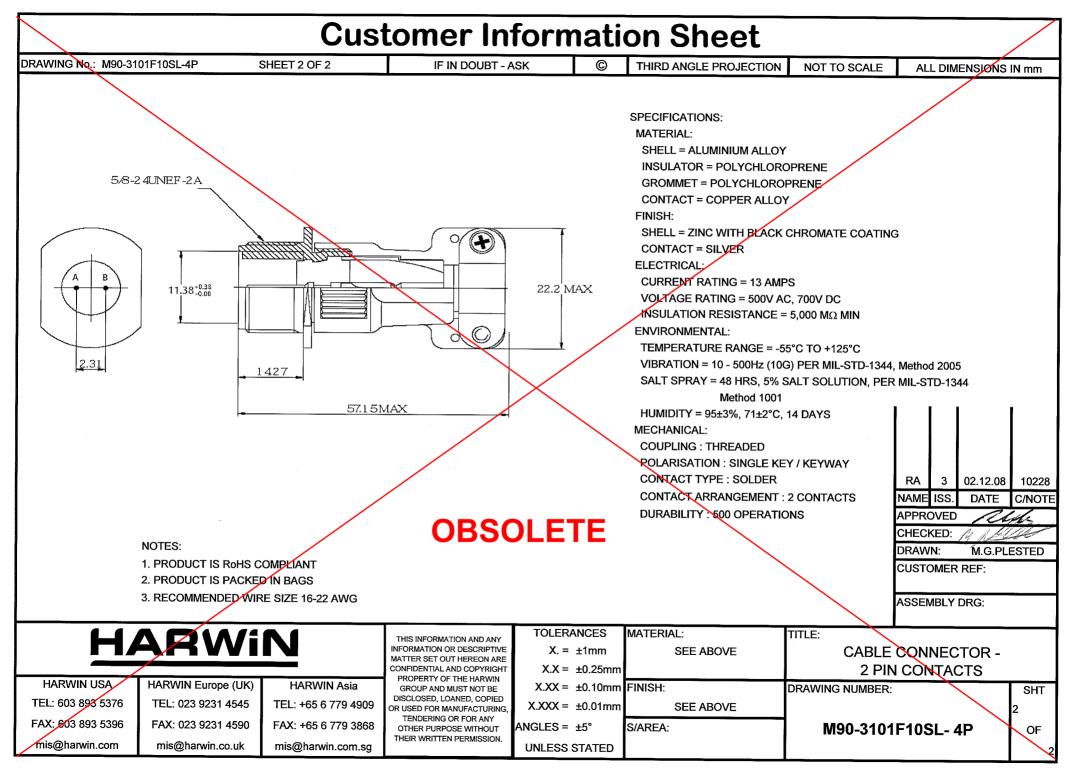
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China











Customer Information Sheet

DRAWING No.: M90-3106F12S-3P SHEET 2 OF 2 IF IN DOUBT - ASK NOT TO SCALE ALL DIMENSIONS IN mm THIRD ANGLE PROJECTION SPECIFICATIONS: MATERIAL: SHELL: ALUMINIUM ALLOY INSULATOR: NITRILE BUTADIENE RUBBER GROMMET: NITRILE BUTADIENE RUBBER -5.28CONTACT COPPER ALLOY 3/4-20UNEF-2A-FINISH: SHELL: ZINC PLATED WITH BLACK CHROMATE COATING CONTACT: SILVER ELECTRICAL: CURRENT RATING: 13 AMPS VOLTAGE RATING: 500V AC. 700V DC +0.38 22.70 INSULATION RESISTANCE: 5.000 $M\Omega$ MIN \emptyset 14.15 0 MAX MECHANICAL: COUPLING: THREADED POLARISATION: SINGLE KEY/KEYWAY CONTACT TYPE: SOLDER CONTACT ARRANGEMENT: 2 CONTACTS +0.79 DURABILITY: 500 CYCLES 14.27 0 **ENVIRONMENTAL:** TEMPERATURE RANGE: -55°C TO -125°C -57.15 MAX VIBRATION: 10-500Hz(10G), PER MIL-STD-1344, METHOD 2005 SALT SPRAY: 48HRS.SALT SOLUTION 5%.PER MIL-1344. METHOD 1001 HUMIDITY: RELATIVE HUMIDITY 95±3%, 71°C±2°C, 14 DAYS **OBSOLETE** APPROVED: CHECKED: DRAWN: Ä. 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 MATTER SET OUT HEREON ARE **TOLERANCES** MATERIAL: TITLE: CABLE CONNECTOR-X. = 土 1mm CONFIDENTIAL AND COPYRIGHT SEE ABOVE $X.X = \pm 0.25$ mm 2 PIN CONTACTS PROPERTY OF THE HARWIN GROUP AND MUST NOT BE $X.XX = \pm 0.10$ mm HARWIN USA HARWIN Europe (UK) HARWIN Asia TEL: 693 893 5376 TEL: 023 9231 4545 TEL: +65 6 779 4909 DISCLOSED, LOANED, COPIED OR USED FOR MANUFACTURING, $X.XXX = \pm 0.01$ mm DRAWING NUMBER: FINISH: SHT TENDERING OR FOR ANY ANGLES = ±5° FAX: 603 893 5396 FAX: 023 9231 4590 FAX: +65 6 779 3868 M90-3101F12S-3P

S/AREA:

UNLESS STATED

mm 2

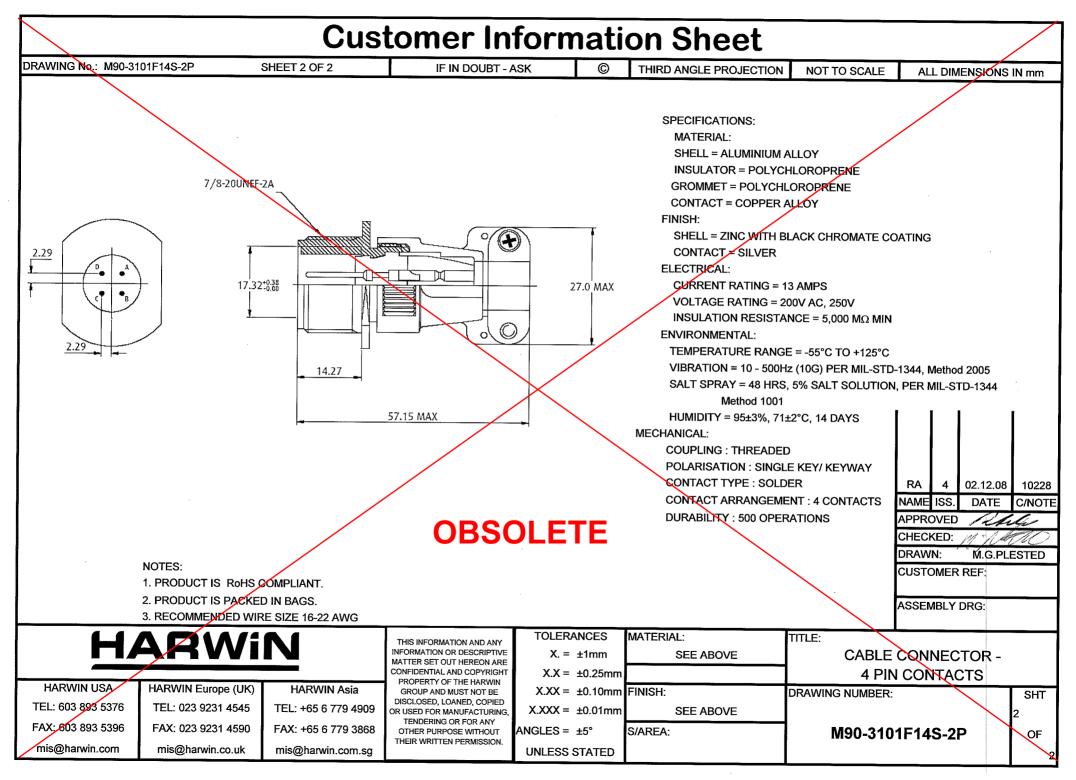
OTHER PURPOSE WITHOUT

THEIR WRITTEN PERMISSION

pais@harwin.com

mis@harwin.co.uk

mis@harwin.com.sa



Customer Information Sheet DRAWING No.: M90-3101F14S-6P SHEET 2 OF 2 IF IN DOUBT - ASK THIRD ANGLE PROJECTION NOT TO SCALE ALL DIMENSIONS IN mm SPECIFICATIONS: MATERIAL: SHELL = ALUMINIUM ALLOY INSULATOR = POLYCHLOROPRENE 7/8-20UNEF-2A GROMMET = POLYCHLOROPRENE CONTACT = COPPER ALLOY FINISH: SHELL = ZINC WITH BLACK CHROMATE COATING CONTACT SILVER 17.32 +0.38 27.0 MAX ELECTRICAL: 2.29 4.06 CURRENT RATING = 13 AMPS VOLTAGE RATING = 200V AC, 250V DC INSULATION RESISTANCE = 5,000 M Ω MIN **ENVIRONMENTAL:** 3.50 14.27 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 57.15 MAX Method 1001 HUMIDITY = 95±3%, 71±2°C, 14 DAYS MECHANICAL: **COUPLING: THREADED** POLARISATION: SINGLE KEY / KEYWAY CONTACT TYPE: SOLDER 02.12.08 10228 CONTACT ARRANGEMENT: 6 CONTACTS NAME ISS DATE C/NOTE **DURABILITY: 500 OPERATIONS** APPROVED **OBSOLETE** NOTES: CHECKED: 1. PRODUCT IS ROHS COMPLIANT. DRAWN: M.G.PLESTED 2. PRODUCT IS PACKED IN BAGS. CUSTOMER REF: 3. RECOMMENDED WIRE SIZE 16-22 AWG ASSEMBLY DRG: HARWIN **TOLERANCES** MATERIAL: TITLE: THIS INFORMATION AND ANY CABLE CONNECTOR -INFORMATION OR DESCRIPTIVE SEE ABOVE $X. = \pm 1$ mm 6 PIN 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: GROUP AND MUST NOT BE SHT DISCLOSED, LOANED, COPIED TEL: 603 893 5376 TEL: +65 6 779 4909 TEL: 023 9231 4545 $X.XXX = \pm 0.01$ mm SEE ABOVE OR USED FOR MANUFACTURING TENDERING OR FOR ANY FAX: 603 893 5396 FAX: 023 9231 4590 FAX: +65 6 779 3868 $ANGLES = \pm 5^{\circ}$ S/AREA: M90-3101F14S-6P OTHER PURPOSE WITHOUT OF THEIR WRITTEN PERMISSION. mis@harwin.com mis@harwin.co.uk mis@harwin.com.sg **UNLESS STATED**