

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!



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In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.

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	DRAWING NO		DR,	DESI	SH :	APPR	NED	NO ARI BUBBLES INSIDE CONNECTOR	NO WATER PE	NO DAMAGE, OPARTS.	NO DAMAGE, CRACK AND LOOSENESS PARTS.	NO HEAVY CORROSION.	1) INSULATION 2) NO DAMAG PARTS.		2) INSULATION (AT DRY). 3) NO DAMAG PARTS.	1) INSULATION RESISTANCE: (AT HIGH HUMIDITY). 2) INSULATION RESISTANCE: (AT DRY). (AT DRY). PARTS.	(AT HIGH I (AT DRY),) NO DAMAG	1) NO ELECTR 2) NO DAMAG PARTS. 1) INSULATION (AT HIGH) (AT DRY). (AT DRY). 3) NO DAMAG PARTS.	1)NO ELECTRICAL DISCONTINUITY OF 2)NO DAMAGE, CRACK AND LOOSENE PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 2) NO DAMAGE, CRACK AND LOOSENE PARTS. 1) INSULATION RESISTANCE: 2 M Q M (AT HIGH HUMIDITY). 2) INSULATION RESISTANCE: 20 M Q M (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENE PARTS.	CONTACT RESISTANCE:() GROUND RESISTANCE: 1)NO ELECTRICAL DISC 2)NO DAMAGE, CRACK PARTS. 1) NO ELECTRICAL DISC 2) NO DAMAGE, CRACK PARTS. 1) INSULATION RESISTA (AT HIGH HUMIDITY 2) INSULATION RESISTA (AT DRY). 3) NO DAMAGE.CRACK. PARTS.	MAX CONTACT RESI GROUND RES 1) NO ELECTR 2) NO DAMAGE DARTS. 1) NO ELECTR 1) NO ELECTR 1) NO DAMAG 1) INSULATION (AT HIGH I (AT DRY). 3) NO DAMAG DARTS.	INSERTION AN 50 N. CONTACT RESIS MAX CONTACT RESIS GROUND RES 1) NO ELECTR 2) NO DAMAGE PARTS. 1) NO ELECTR 2) NO DAMAGE PARTS. 1) NO DAMAGE PARTS. 1) INSULATION (AT HIGH ICAT DRY). 2) INSULATION (AT DRY). 3) NO DAMAGE PARTS.	NSERTION AN NSERTION AN NSERTION AN SO N. CONTACTRESS MAX CONTACTRESS MAX CONTACTRESS MAX CONTACTRESS MAX CONTACTRESS MAX CONTACTRESS MAX CONTACTRESS CONTACTRES CONTAC	NSERTION AN NSERTION AN NSERTION AN NSERTION AN NSERTION AN SO N. ONTACTRESIS MAX CONTACTRESIS SROUND RES 1) NO ELECTRE 2) NO DAMAGE 3) NO DAMAGE 4) NO DAMAGE 4) NO DAMAGE 5) NO DAMAGE 6) NO DAMAGE 7) NO DAMAGE	NO FLASHOVER OR BREAKDOWN INSERTION AND WITHDRAWAL FO INSERTION AND WITHDRAWAL FO ONTACTRESISTANCE (NO.1-10.13-16.15 MAX CONTACT RESISTANCE: 198 m (1)NO ELECTRICAL DISCONTINUITY 1)NO ELECTRICAL DISCONTINUITY 2)NO DAMAGE, CRACK AND LOOS PARTS. 1) NO DAMAGE, CRACK AND LOOS PARTS. 1) INSULATION RESISTANCE: 2 M (AT DRY). 2) INSULATION RESISTANCE: 20 M (AT DRY). 3) NO DAMAGE.CRACK AND LOOS PARTS.	158 m Ω MAX 200 m Ω MIN. NO FLASHOVER O NSERTION AND W NSERTION AND W ONTACTRESISTANC MAX CONTACT RESISTANC CONTACT RESISTA	MAX (CONTACT NC) 158 m \(\Omega\) 200 m \(\Omega\) NO FLASHOVE AAX CONTACT RESIS MAX CONTACT RESIS MAX CONTACT RESIS MAX CONTACT RESIS 1) NO ELECTR 2) NO DAMAGE PARTS. 1) NO ELECTR 2) NO DAMAGE PARTS. 1) INSULATION (AT HIGH I 2) INSULATION (AT DRY). 3) NO DAMAGE PARTS.	CONTACT NO; MAX CONTACT NO 158 m \(\Omega\) 200 m \(\Omega\) NSERTION AN NSERTION AN NSERTION AN ONTACT RESIS MAX CONTACT RESIS MAX CON	CONTACT NO. MAX. CONTACT NO. 158 m \(\Omega\) 200 m \(\Omega\) NO FLASHOVE NO FLASHOVE NO FLASHOVE NO FLASHOVE NO FLASHOVE NO FLASHOVE NO PLASHOVE NO PLASHOVE NO PLASHOVE NO DAMAGE PARTS.	ACCORDING TO ACCORDING TO ACCORDING TO ACCORDING TO ACCONTACT NC ACCONTACT RESISTANCE ACCONTA	CONTACT NO; MAX CONTACT NO; MAX 158 mΩ 200 mΩ CONTACT NO NSERTION AN NSERTI	CONTACT NO. 158 mΩ 200 mΩ CONTACT NO. 158 mΩ 200 mΩ NSERTION AN	CONTACT NO. 158 m.Ω 200 m.Ω CONTACT NO 158 m.Ω 200 m.Ω NSERTION AN NSERTION AN NSERTION AN NSERTION AN SO N. CONTACT RESIS MAX CONTACT RESIS NO SARTIS. 1) NO ELECTR 2) NO DAMAGE PARTIS. 1) NO DAMAGE PARTIS.	CONTACT RESISTANCE MAX CONTACT NO, 1-10, 1 158 m \(\Omega \text{max} \) INSERTION AND W INSERTION AND W INSERTION AND W SO N. CONTACT RESISTANC MAX CONTACT RESISTANC CONTACT RESISTANC MAX CONTACT RESISTANC CONTACT RESISTANC MAX CO
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HR12A-14LA20PSD1400 CL112-3477-8-00 Δ	ELC4-34	EI C/I_3/I	MK. OGURA	MK. OGURA	TS FIIRIIYA	HO HASHIMOTO	CHECKED	CONNECTOR.	NO WATER PENETRATION INSIDE CONNECTOR.	NO DAMAGE, CRACK AND LOOSENESS OF PARTS.	LOOSENESS OF		1) INSULATION RESISTANCE: 200 M Ω MIN. 2) NO DAMAGE.CRACK AND LOOSENESS OF PARTS.		2) INSULATION RESISTANCE: 20 M Ω MIN (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS OF PARTS.	CE: 2 M \(\text{MIN} \) CE: 20 M \(\text{MIN} \) UD LOOSENESS	CE: 2 M Q MIN CE: 20 M Q MIN D LOOSENESS	1) NO ELECTRICAL DISCONTINUITY OF 1 µs. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega M \text{IN} \) (AT HIGH HUMIDITY). 2) INSULATION RESISTANCE: 20 M \(\Omega M \text{IN} \) (AT DRY). 3) NO DAMAGE CRACK AND LOOSENESS OF PARTS.	1)NO ELECTRICAL DISCONTINUITY OF 1 µs. 2)NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 µs. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega M \text{IN} \) (AT HIGH HUMIDITY). 2) INSULATION RESISTANCE: 20 M \(\Omega M \text{IN} \) (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS OF PARTS.	CONTACT RESISTANCE: (NO.11,12,17,18) 425 m \(\Omega MAX. \) GROUND RESISTANCE: 198 m \(\Omega MAX. \) 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\mu \). 2) NO DAMAGE, CRACK AND LOOSENESS, OF DARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\mu \). 2) NO DAMAGE, CRACK AND LOOSENESS, OF DARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega MiN \) (AT DRY). 2) INSULATION RESISTANCE: 20 M \(\Omega MiN \) (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS OF DARTS.	CONTACT RESISTANCE (NO,1-10,13-16,19,20) 635 MAX CONTACT RESISTANCE: (NO,11,12,17,18) 425 n GROUND RESISTANCE: 198 m \(\Omega \text{MAX}. \) 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\pu \) 2) NO DAMAGE, CRACK AND LOOSENESS, PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\pu \) 2) NO DAMAGE, CRACK AND LOOSENESS PARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega \text{MIN} \) (AT HIGH HUMIDITY). 2) INSULATION RESISTANCE: 20 M \(\Omega \text{MIN} \) (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS PARTS.	INSERTION AND WITHDRAWAL FORCES: 50 N. CONTACTRESISTANCE (NO,1-10,13-16,19,20) 635 MAX CONTACT RESISTANCE: (NO,11,12,17,18) 425 r GROUND RESISTANCE: 198 m \(\Omega \text{MAX} \) 1)NO ELECTRICAL DISCONTINUITY OF 1 p 2)NO DAMAGE, CRACK AND LOOSENESS, PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 1 2) NO DAMAGE, CRACK AND LOOSENESS PARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega \text{MIN} \) (AT DRY). 2) NO DAMAGE CRACK AND LOOSENESS PARTS. 3) NO DAMAGE CRACK AND LOOSENESS PARTS.	WAL FORCES: WAL FORCES: 10,13-16,19,20) 635	INSERTION AND WITHDRAWAL FORCES: INSERTION AND WITHDRAWAL FORCES: 50 N. CONTACT RESISTANCE (NO.1-10.13-16.19.20) 635 MAX CONTACT RESISTANCE: 198 m \(\Omega \text{MAX} \) 1) NO ELECTRICAL DISCONTINUITY OF 1 p 2) NO DAMAGE, CRACK AND LOOSENESS, PARTS. 1) INSULATION RESISTANCE: 2 M \(\Omega \text{MIN} \) (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS PARTS.	KDOWN. WAL FORCES: 10,13-16,19,20) 635	KDOWN. KDOWN. WAL FORCES: WAL FORCES: 10,13-16,19,20) 635	MAX (CONTACT NO,11,12,17,18: AWG28) 405 m \(\Omega \) MAX 158 m \(\Omega \) MAX. 200 m \(\Omega \) MIN. NO FLASHOVER OR BREAKDOWN. INSERTION AND WITHDRAWAL FORCES: — N INSERTION AND WITHDRAWAL FORCES: 5 TO 50 N. CONTACTRESISTANCE(NO,1-10,13-16,1920) 635 m\(\Omega \) MAX CONTACTRESISTANCE: 198 m \(\Omega \) MAX. 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\psi \). 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 \(\psi \). 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) NO BAMAGE, CRACK AND LOOSENESS, OF PARTS. 2) INSULATION RESISTANCE: 2 M \(\Omega \) MIN (AT DRY). 3) NO DAMAGE.CRACK AND LOOSENESS OF PARTS.	(CONTACT NO,1-10,13-16,19,20 : AWG30) 615 mΩ MAX (CONTACT NO,11,12,17,18 : AWG28) 405 mΩ 158 mΩ MAX. 200 mΩ MIN. NO FLASHOVER OR BREAKDOWN. INSERTION AND WITHDRAWAL FORCES : 5 1 50 N. CONTACT RESISTANCE(NO,1-10,13-16,19,20) 635 mΩ MAX CONTACT RESISTANCE: 198 mΩ MAX. CONTACT RESISTANCE: 198 mΩ MAX. 1)NO ELECTRICAL DISCONTINUITY OF 1 μs. 2)NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) NO ELECTRICAL DISCONTINUITY OF 1 μs. 2) NO DAMAGE, CRACK AND LOOSENESS, OF PARTS. 1) NO BAMAGE, CRACK AND LOOSENESS, OF PARTS. 2) INSULATION RESISTANCE: 2 MΩ MIN (AT DRY). 3) NO DAMAGE CRACK AND LOOSENESS OF PARTS.	20: AWG30) 615 : AWG28) 405 n : AWG28) 405 n : WAL FORCES: : W	3. 20: AWG30) 615 20: AWG30) 615 : AWG28) 405 n : AWG28) 405 n : WAL FORCES: 10,13-16,19,20) 635	MENTS 20: AWG30) 615 : AWG28) 405 n : AWG28) 405 n : WAL FORCES:	MENTS 3. 20 : AWG30) 615 20 : AWG30) 615 1. AWG28) 405 n KDOWN. K	MENTS MENTS 20: AWG30) 615 20: AWG30) 615 : AWG28) 405 n : AWG28] 405 n	MENTS MENTS 20 : AWG30) 615 : AWG28) 405 n : AWG28) 405 n : AWG28) 405 n : AWG1,11,12,17,18) 425 r 10,13-16,19,20) 635
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DRAWING FOR REFERENCE: This is subject to change without notice

In cases where the application will demand a high level of reliability, such as automotive, please contact a company representative for further information.