



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

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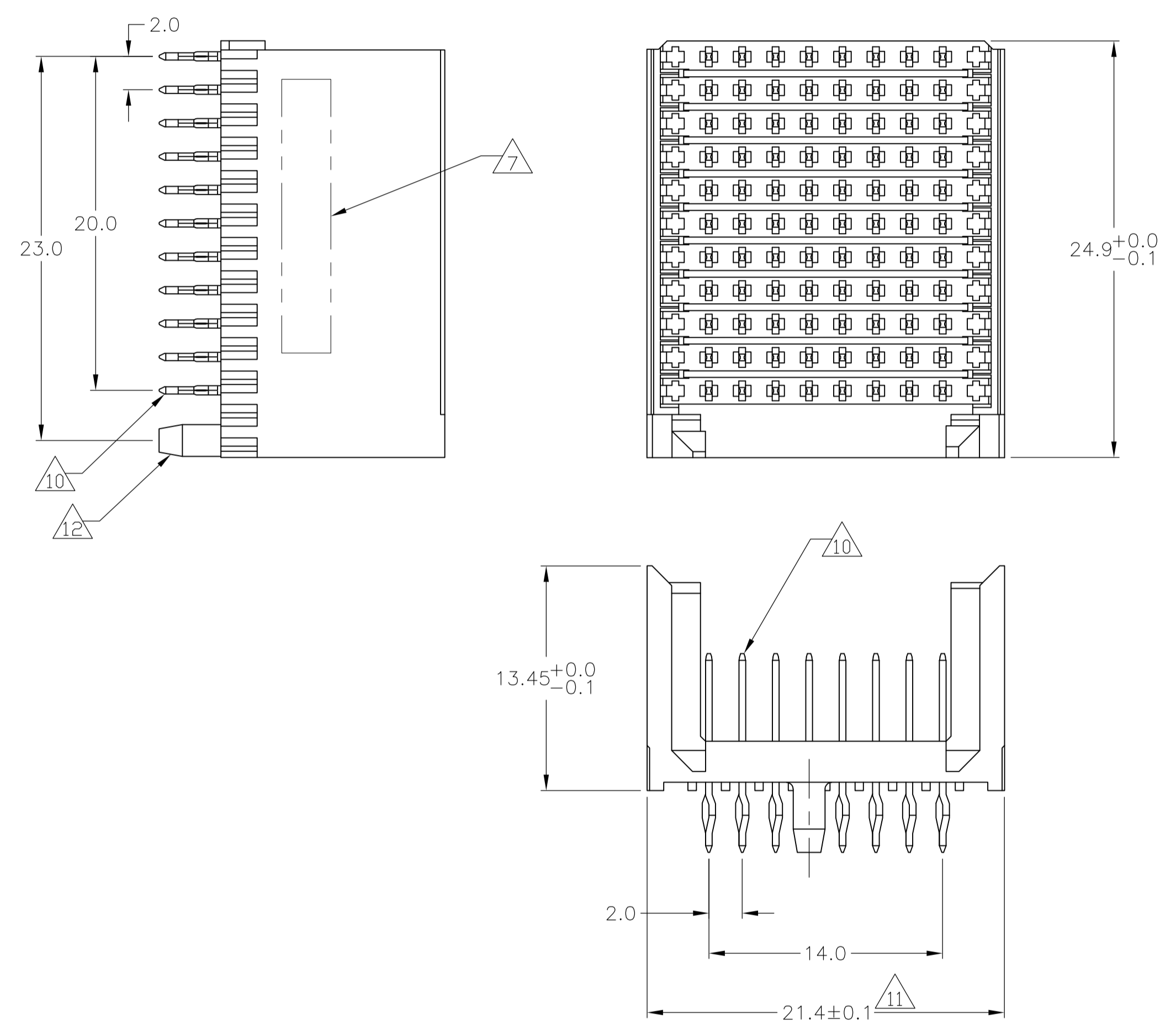
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

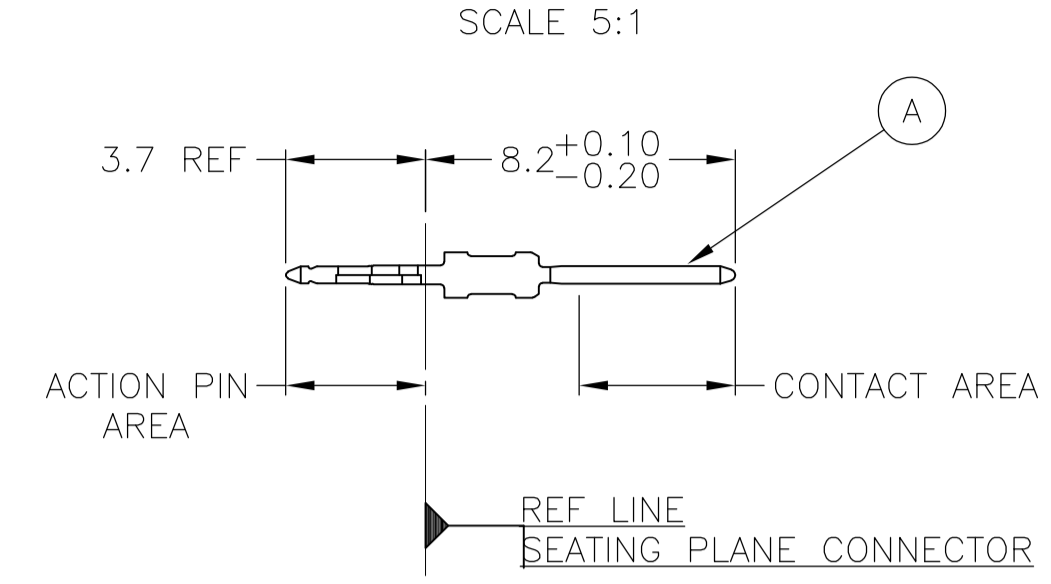


LOC		DIST		REVISIONS				
AD	00	REV	DESCRIPTION	DATE	BY	APPV		
E	1	REV PER	ECR-10-000662	18JAN2010	JY	SY		
F		ECR-10-018652		10SEP10	JS	MQW		
G		ECR-12-009864		05DEC12	SY	AC		

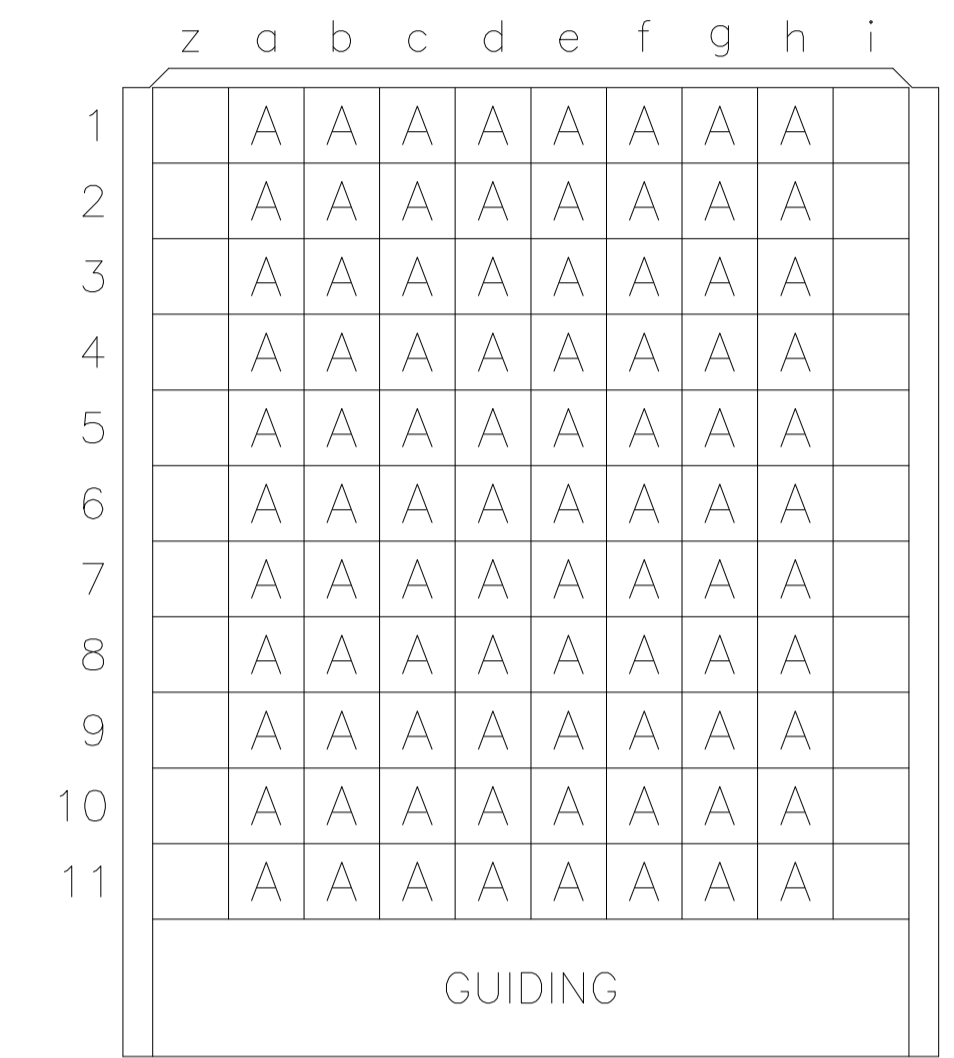
CONNECTOR ASSEMBLY EXAMPLARY LOADED



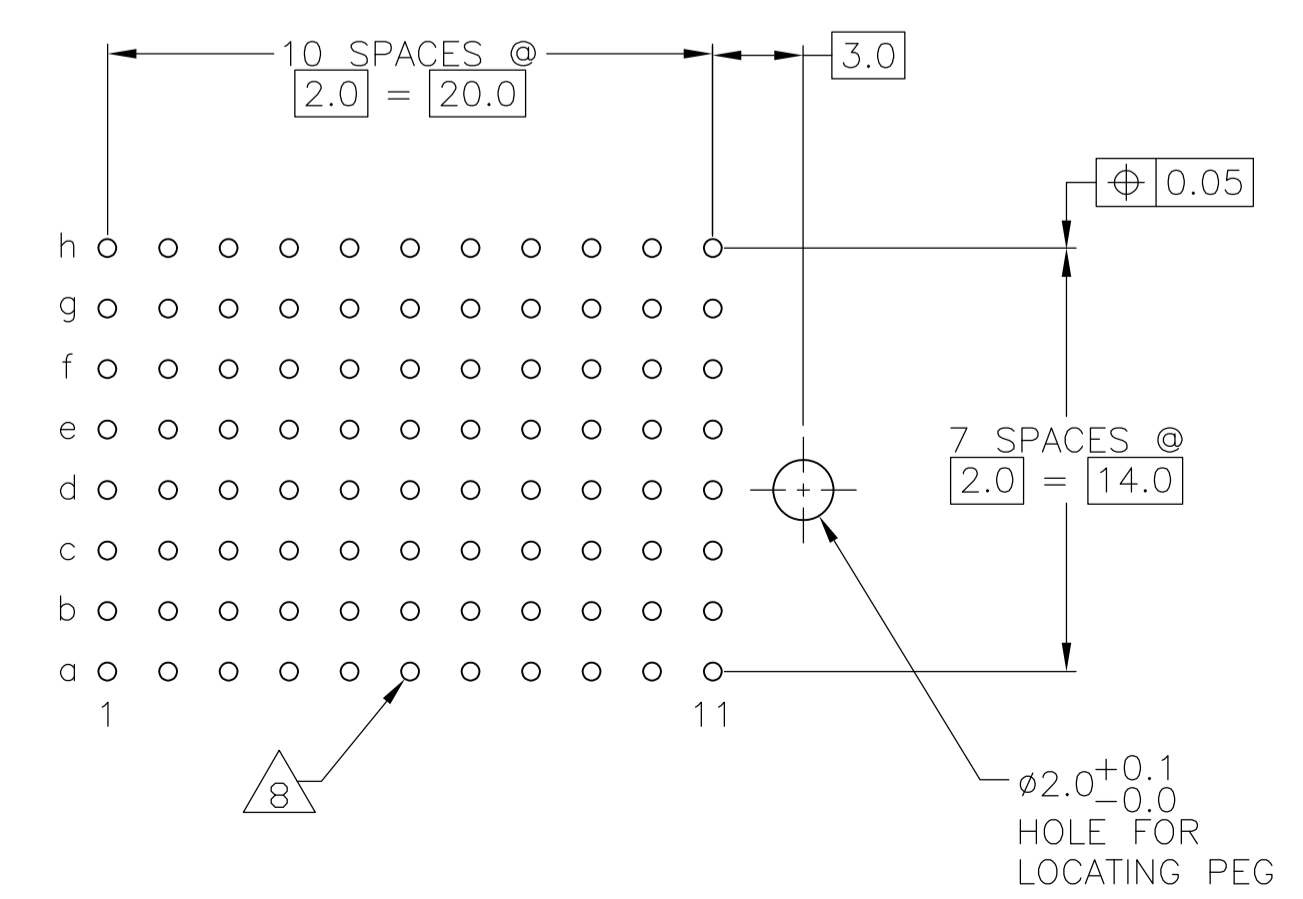
CONTACT DIMENSIONS



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

OBSOLETE	2 3 14	3-646457-0
OBSOLETE	2 6 13	1-646457-9
OBSOLETE	2 5 13	646457-9
	2 4	646457-4
	2 3	646457-1
FINISH		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0-PLG ±	1-PLG ±0.2	2-PLG ±0.02	3-PLG ±0.005	4-PLG ±0.30°	ANGLES ±0.30°
MATERIAL	SEE TABLE	FINISH	SEE TABLE	WEIGHT	—	SIZE	A1

APPROVED: G. SKIPPER, 13JUL05

DESIGNED: S. WAITMAN, 13JUL05

NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F

PRODUCT SPEC: 108-19082

APPLICATION SPEC: 114-19029

SCALE: 4:1


SHEET: 1 OF 2

REV: G

CUSTOMER DRAWING

LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION	DATE	DN	APVD			
AD	00	SEE SHEET 1						

- 1 MATERIAL:
CONTACT: PHOSPHOR BRONZE.
HOUSING: GLASS-FILLED POLYESTER.
- 2 GENERAL PLATING SPECIFICATION: UNDERPLATING
(ENTIRE CONTACT): 1.27µm MIN NICKEL AND ACTION
PIN: 0.5µm MIN TIN\LEAD.
FOR PLATING OF MATING SURFACES SEE APPLICABLE
SPECIFICATION REFERENCE FOR EACH DASH NUMBER.
- 3 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 2.
- 4 CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101
PERFORMANCE LEVEL 1.
- 5 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
CENTRAL OFFICE APPLICATIONS.
- 6 CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,
UNCONTROLLED ENVIROMENT APPLICATIONS.
- 7 CONNECTOR MARKED WITH PART NUMBER AND DATE CODE.
ADDITIONAL CHARACTERS OR MARKINGS, AS WELL AS THE LOCATION OF THE MARKINGS,
MAY BE ADDED FOR TRACEABILITY BASED UPON MANUFACTURERS DISCRETION.
- 8 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID
PATTERN DEFINED BY CONTACT LAYOUT.
- 9 FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- 10 FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
- 11 TO BE MEASURED AT BOTTOM OF SHROUD.
- 12 LOCATION PEG.
- 13 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 14 0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN 13JUL05 CHK G. SKIPPER 13JUL05 APVD G. SKIPPER 13JUL05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± .01 1-PLC ± .02 ±0.2 2-PLC ± .002 3-PLC ± .0005 4-PLC ± .0005 ANGLES ± .030°	NAME 108-19082 PRODUCT SPEC APPLICATION SPEC 114-19029	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT —	SIZE A1 CAGE CODE 00779 DRAWING NO 646457 RESTRICTED TO —
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2 REV G