



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

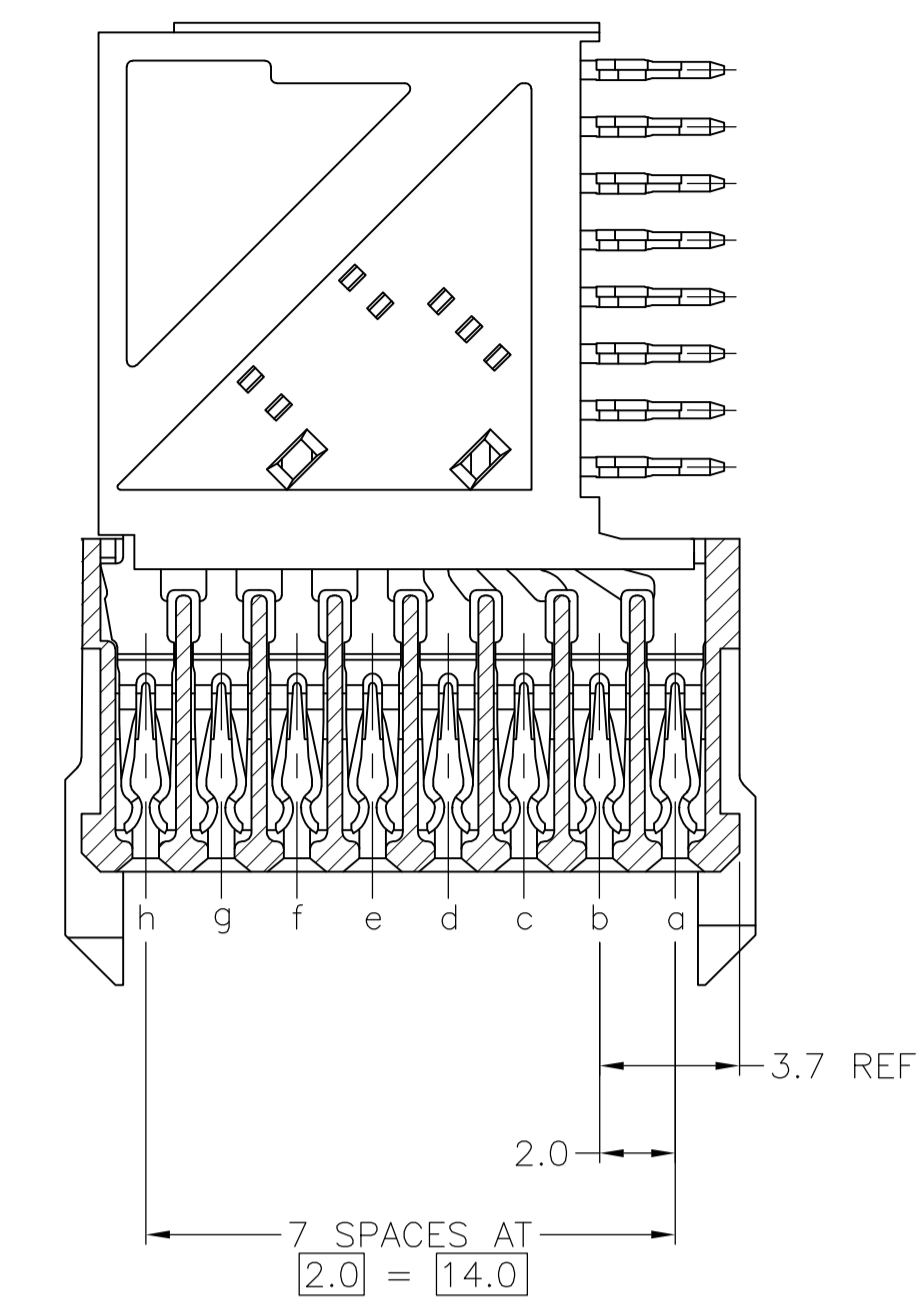
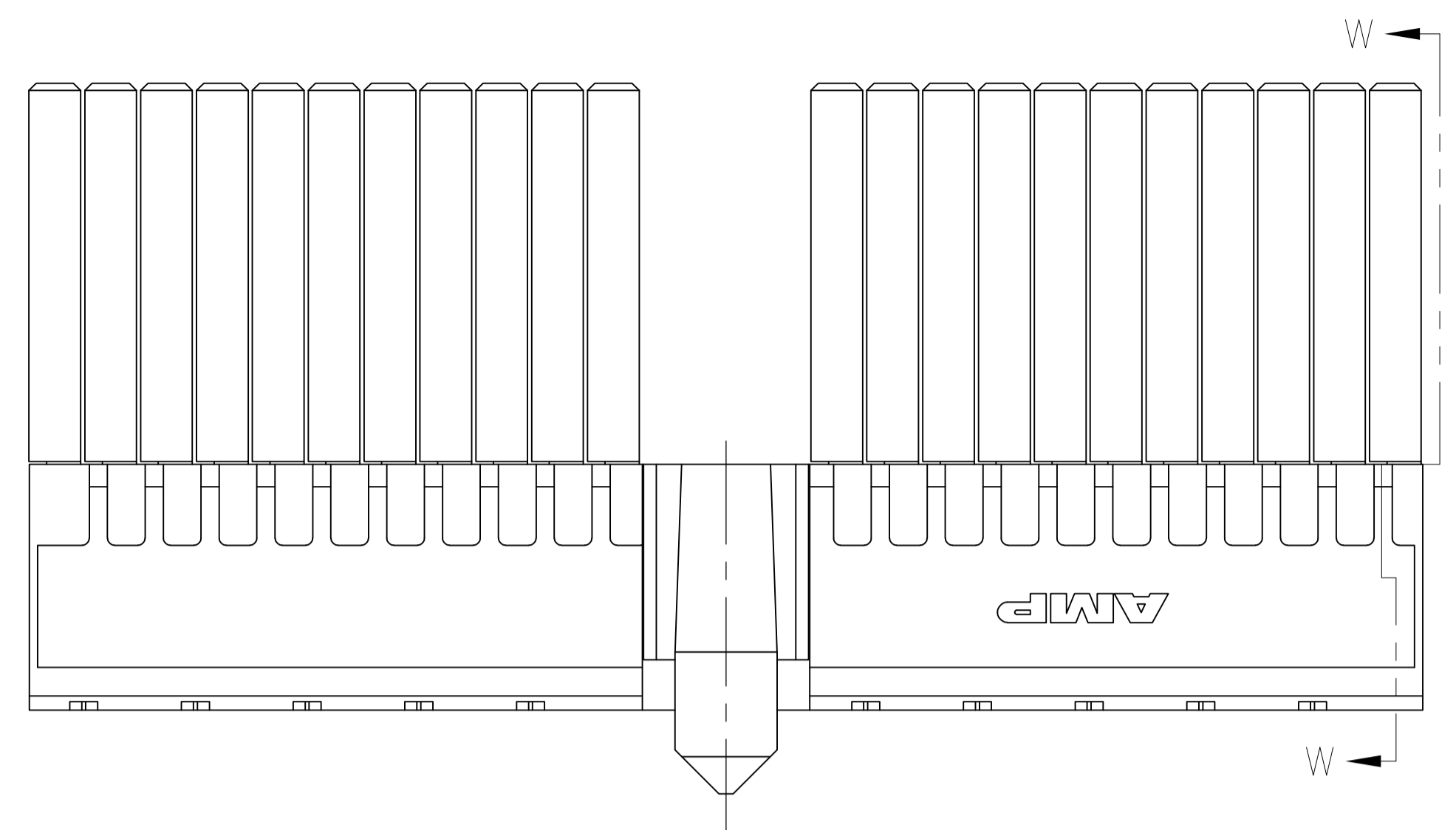
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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

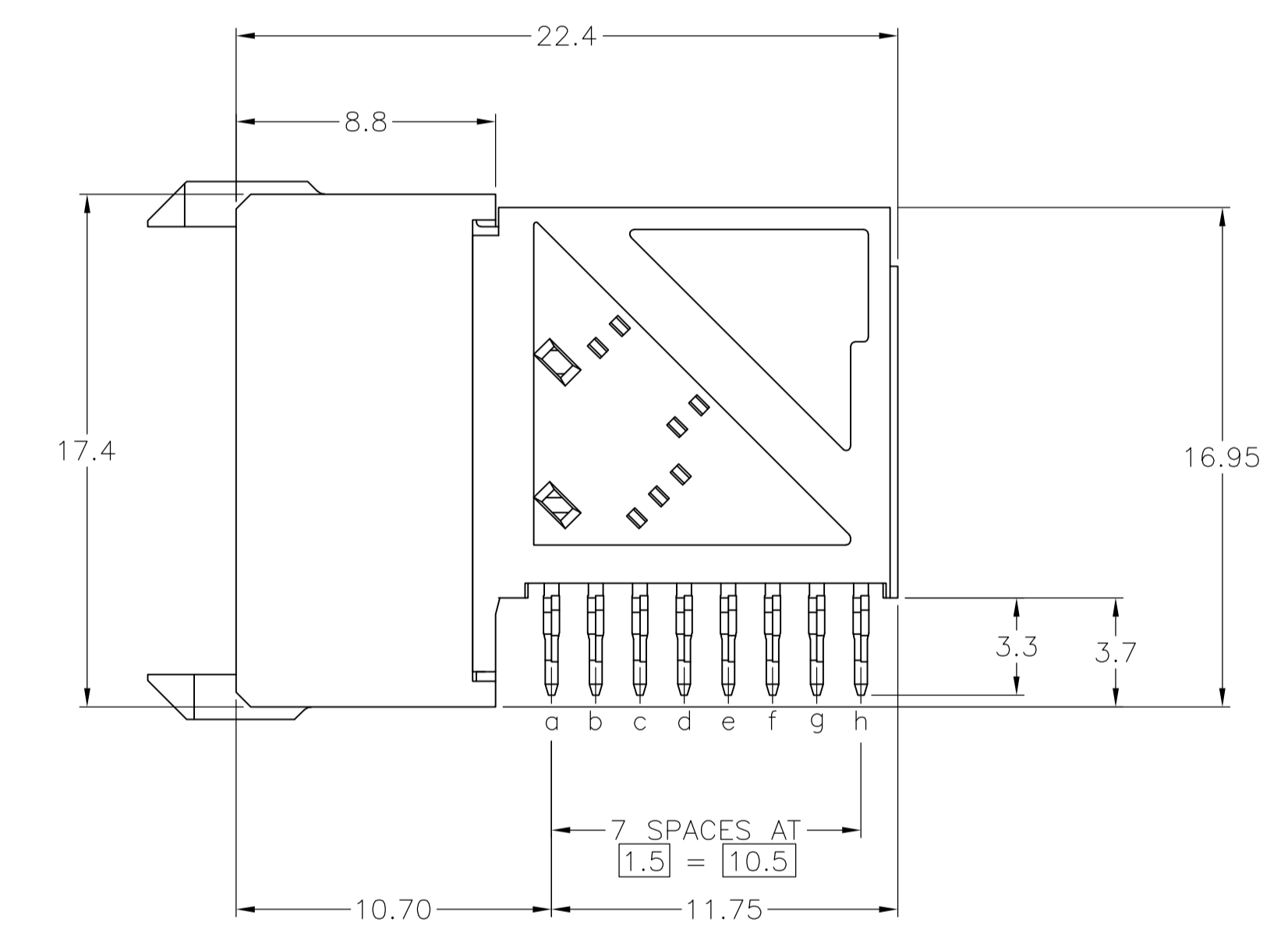
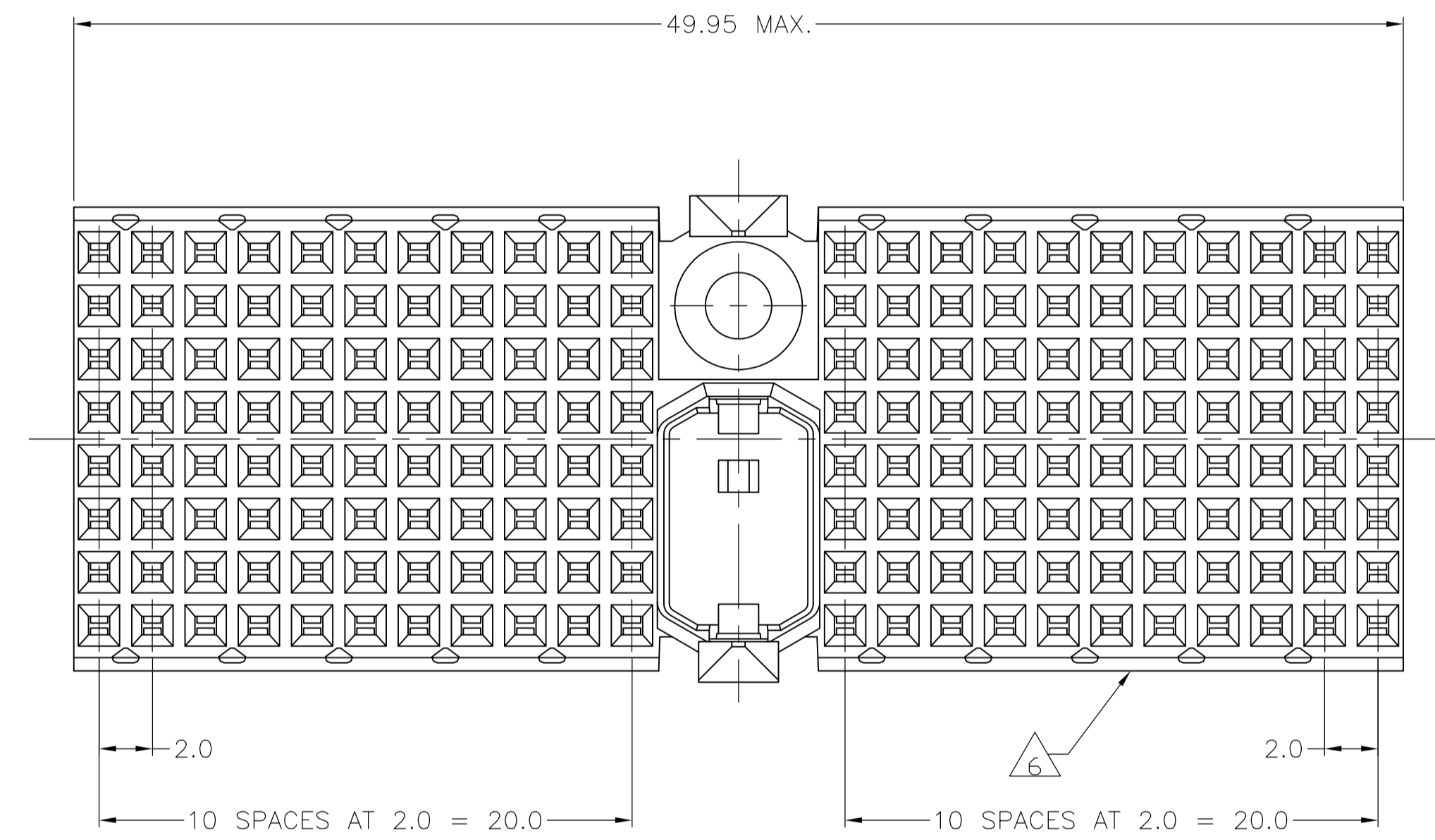
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



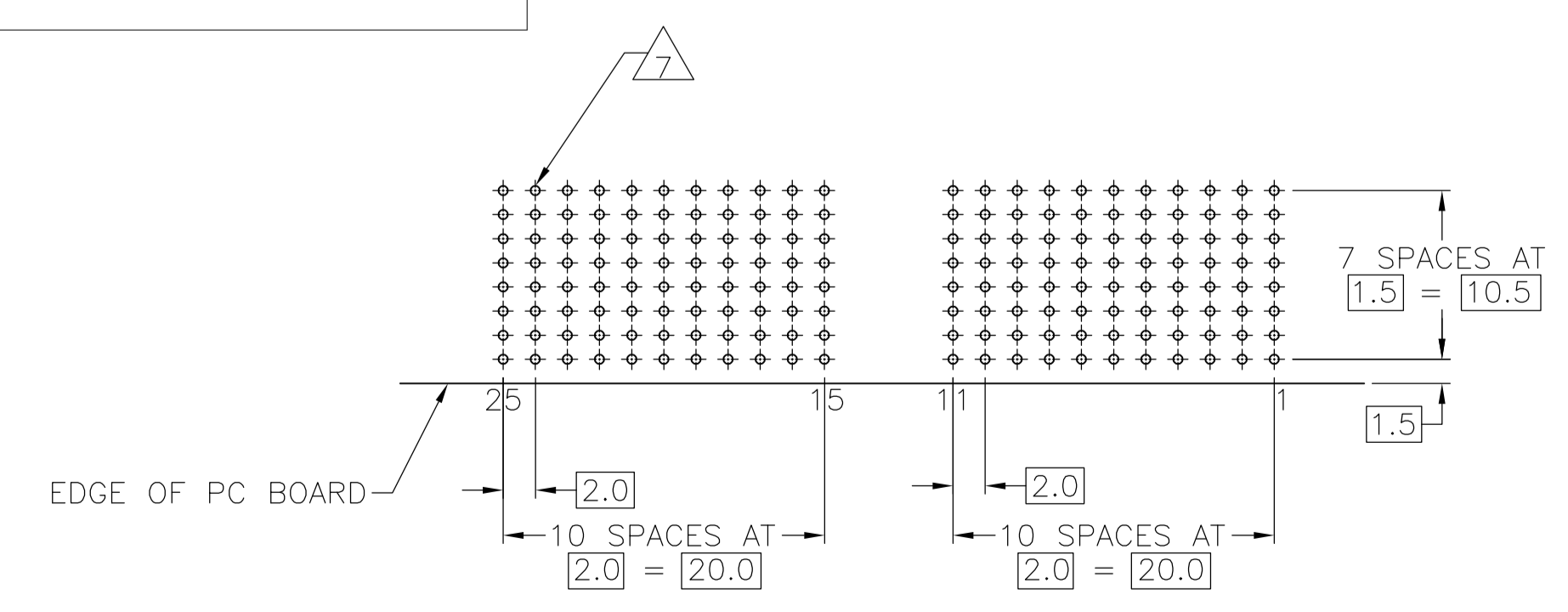
LOC		DIST		REVISIONS			
AD	00	REV	DATE	BY	CHK	APPV	
H1		REV PER ECO-10-005956	12MAR2010	JY	SY		
J		ECR-10-018652	10SEP10	JS	MQW		
K		ECO-11-024491	13DEC11	SY	MQW		
L		ECR-12-010544	05DEC12	SY	AC		



SECTION W-W



PLATED THRU HOLES PARAMETERS  
 REFERENCE APPLICATION SPECIFICATION



**RECOMMENDED PCB-HOLE LAYOUT**  
 COMPONENT SIDE SHOWN  
 SCALE 2.5:1

- 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 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.
- 7 PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.
- 8 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 9 0.76µm MIN GOLD PLATING AT MATING SURFACES.

FINISH	PART NUMBER
2 3 9	3-646442-0
2 5 8	646442-9
2 4	646442-4
2 3	646442-1

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN B CARBO 06DEC05	Tyco Electronics Corporation
mm	0-PLC ±	CHK G SKIPPER 06DEC05	Harrisburg, PA 17105-3608
	1-PLC ±0.1	APPV G SKIPPER 06DEC05	NAME
	2-PLC ±	PRODUCT SPEC	R/A RECEPTACLE ASSY, 176 POSN, TTR
	3-PLC ±	APPLICATION SPEC	8 ROW, TYPE D, Z-PACK 2mm HM
	4-PLC ±	WEIGHT	SIZE CAGE CODE DRAWING NO
MATERIAL	FINISH	RESTRICTED TO	A1 00779 C=646442
1	SEE TABLE	CUSTOMER DRAWING	SCALE 5:1 SHEET 1 OF 1 REV