



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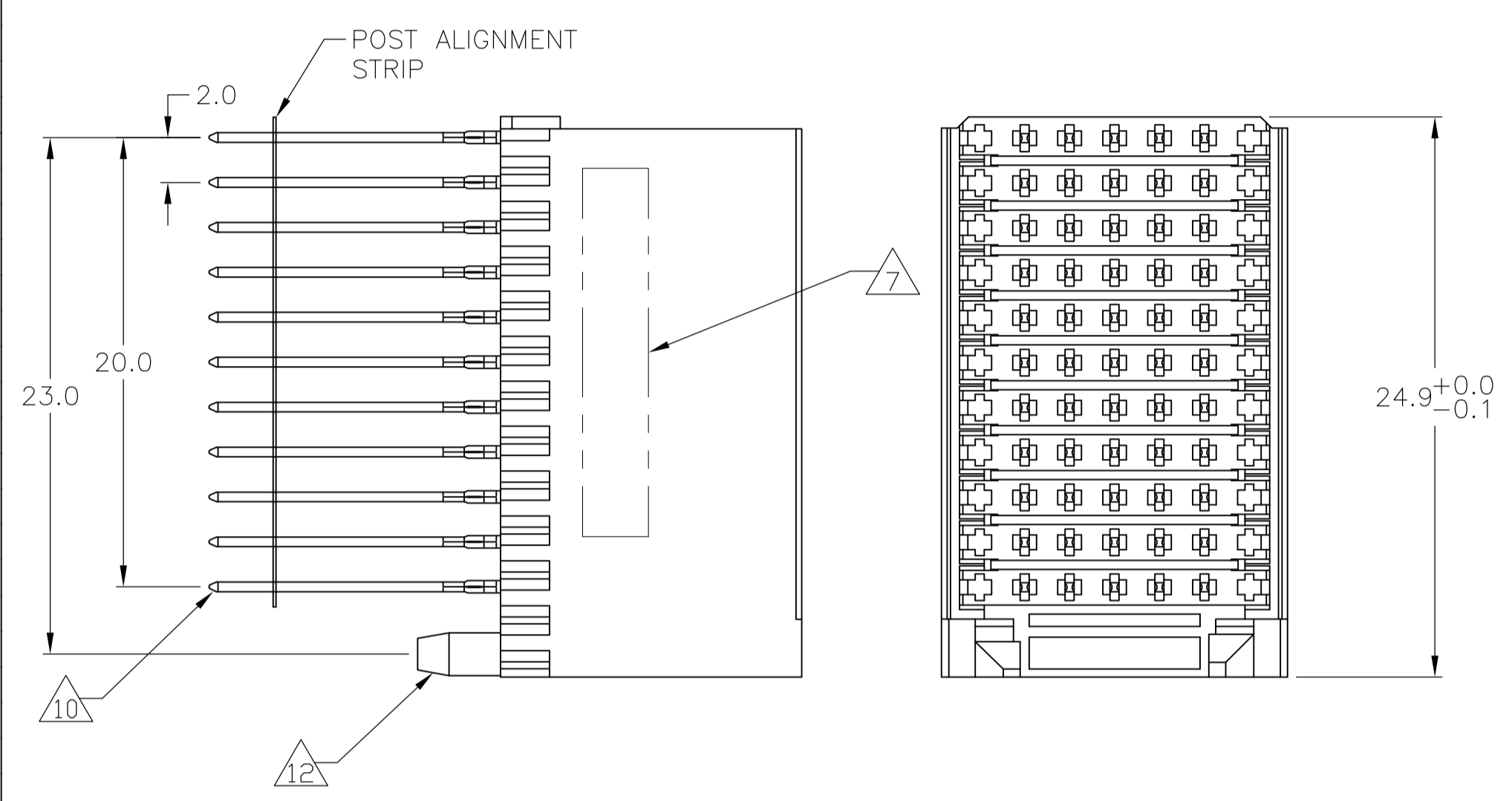
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

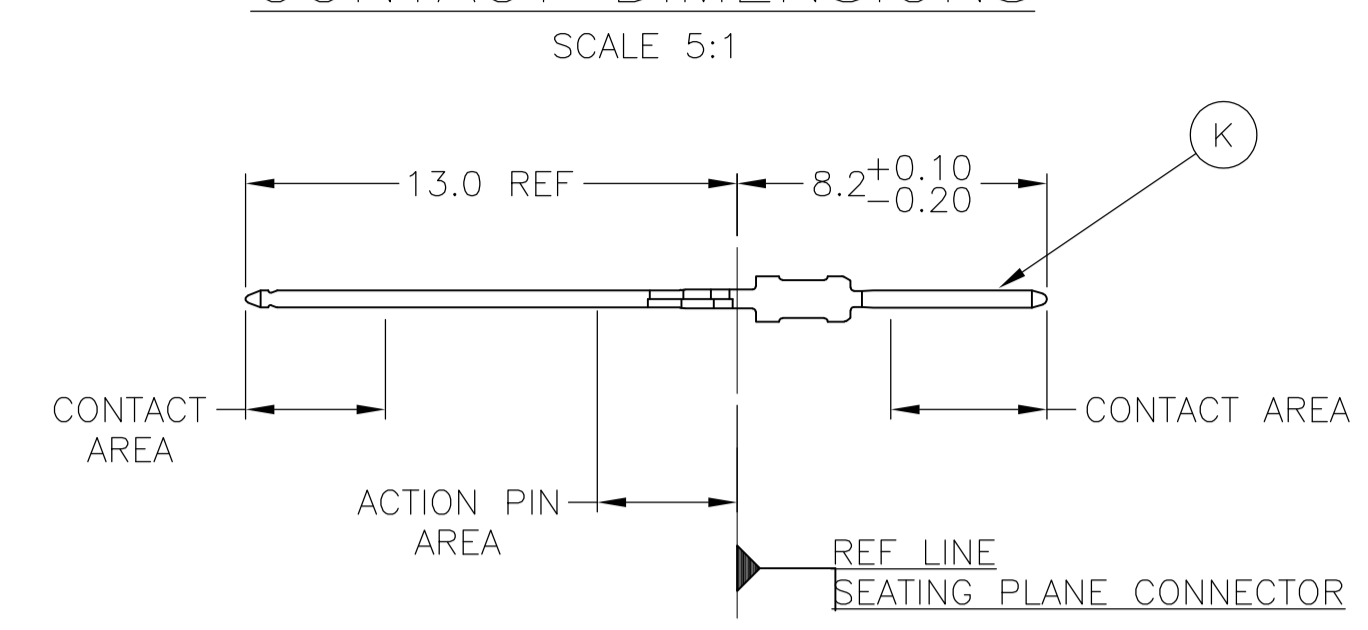


LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DMN	APVD		
B	REV PER EC	OS12-0306-05	23MAY05	BC	GS		
C	ECR-10-019054		15SEP10	DP	MQW		

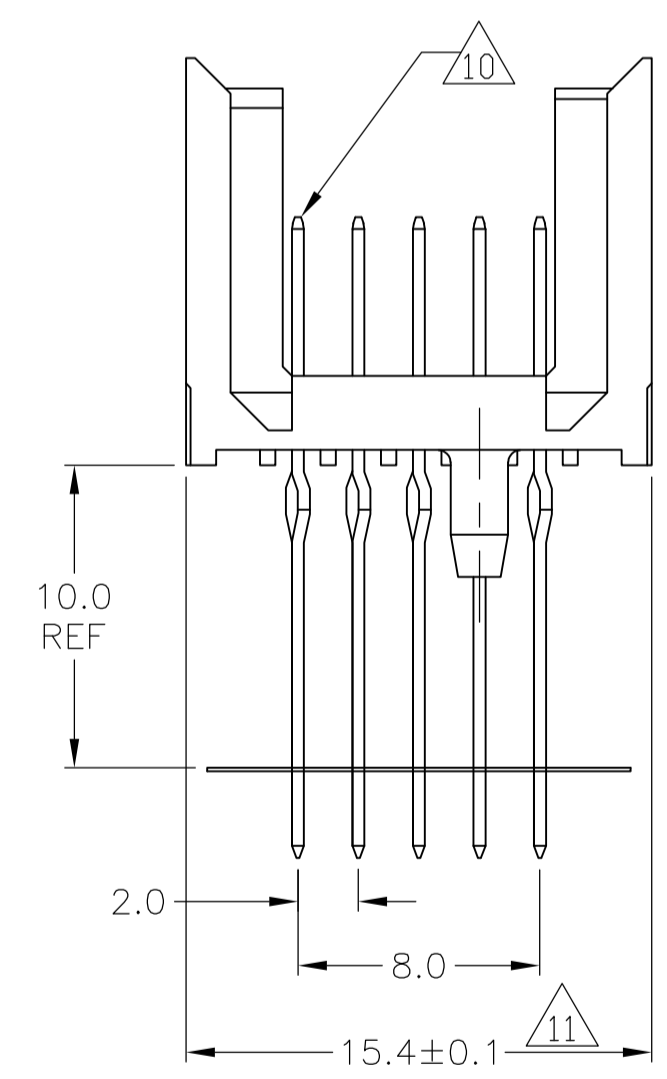
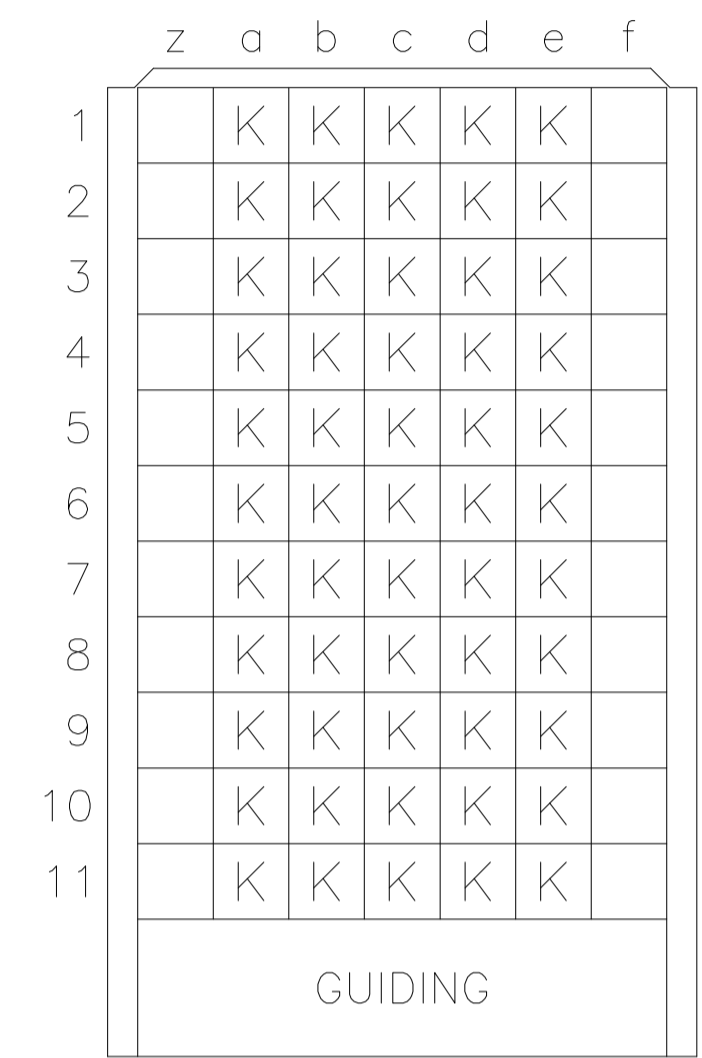
### CONNECTOR ASSEMBLY EXAMPLARY LOADED



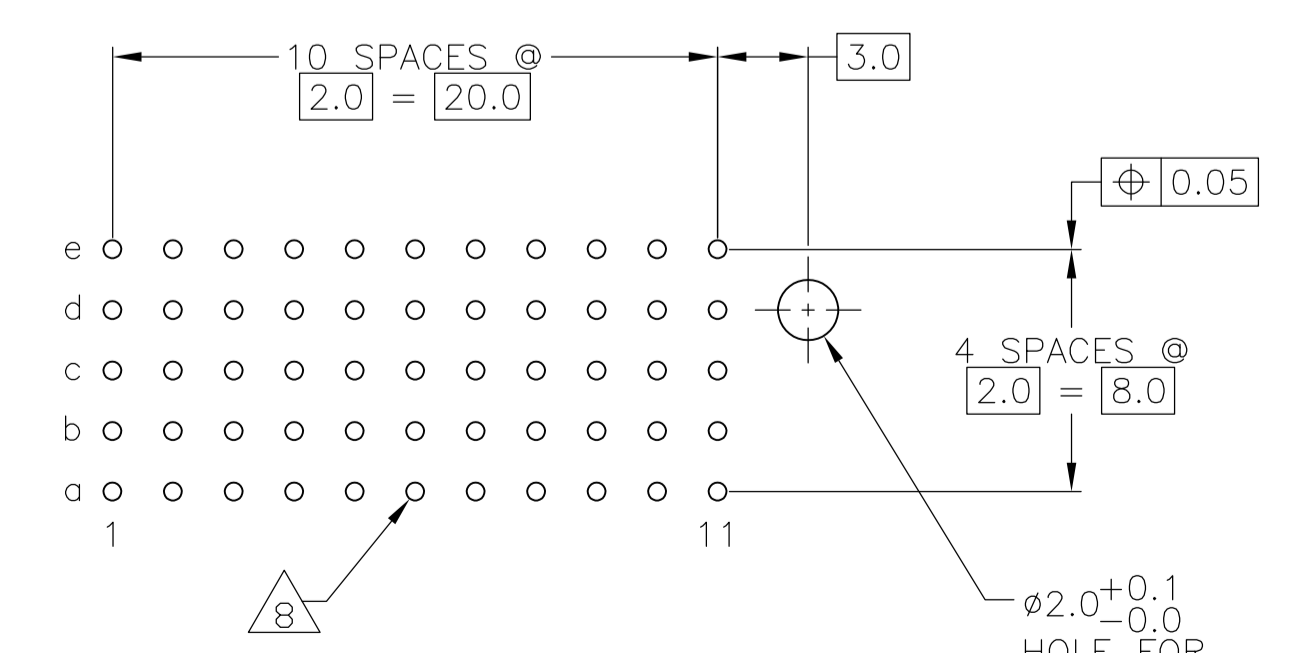
### CONTACT DIMENSIONS



### CONTACT LAYOUT



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION

2 6 13	1-5106303-9
2 5 13	5106303-9
2 4	5106303-4
2 3	5106303-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 0.2 2-PLC ± 0.02 3-PLC ± 0.005 4-PLC ± DIMENSIONS ± 0.30°	DIN B CARBO 24JAN05 GIK 24JAN05 G SKIPPER 24JAN05 APVD G SKIPPER 24JAN05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
MATERIAL	FINISH SEE TABLE	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C	RESTRICTED TO
WEIGHT	SCALE 4:1	SIZE CAGE CODE DRAWING NO 108-19082	SHEET 1 OF 2
CUSTOMER DRAWING	SCALE 4:1	WEIGHT 114-19029	REV C

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.  
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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN B CARBO	24JAN05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CIK G SKIPPER	24JAN05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 1-PLG ±0.2 2-PLG ±0.02 3-PLG ±0.005 4-PLG ± ANGLES ±0.30°		APVD G SKIPPER	24JAN05	PRODUCT SPEC 108-19082	
MATERIAL SEE SHEET 1		APPLICATION SPEC 114-19029		SIZE A1	CAGE CODE 00779
FINISH SEE SHEET 1		WEIGHT -		DRAWING NO 5106303	
CUSTOMER DRAWING				SCALE 4:1	SHEET 2 OF 2
				RESTRICTED TO -	REV C