



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

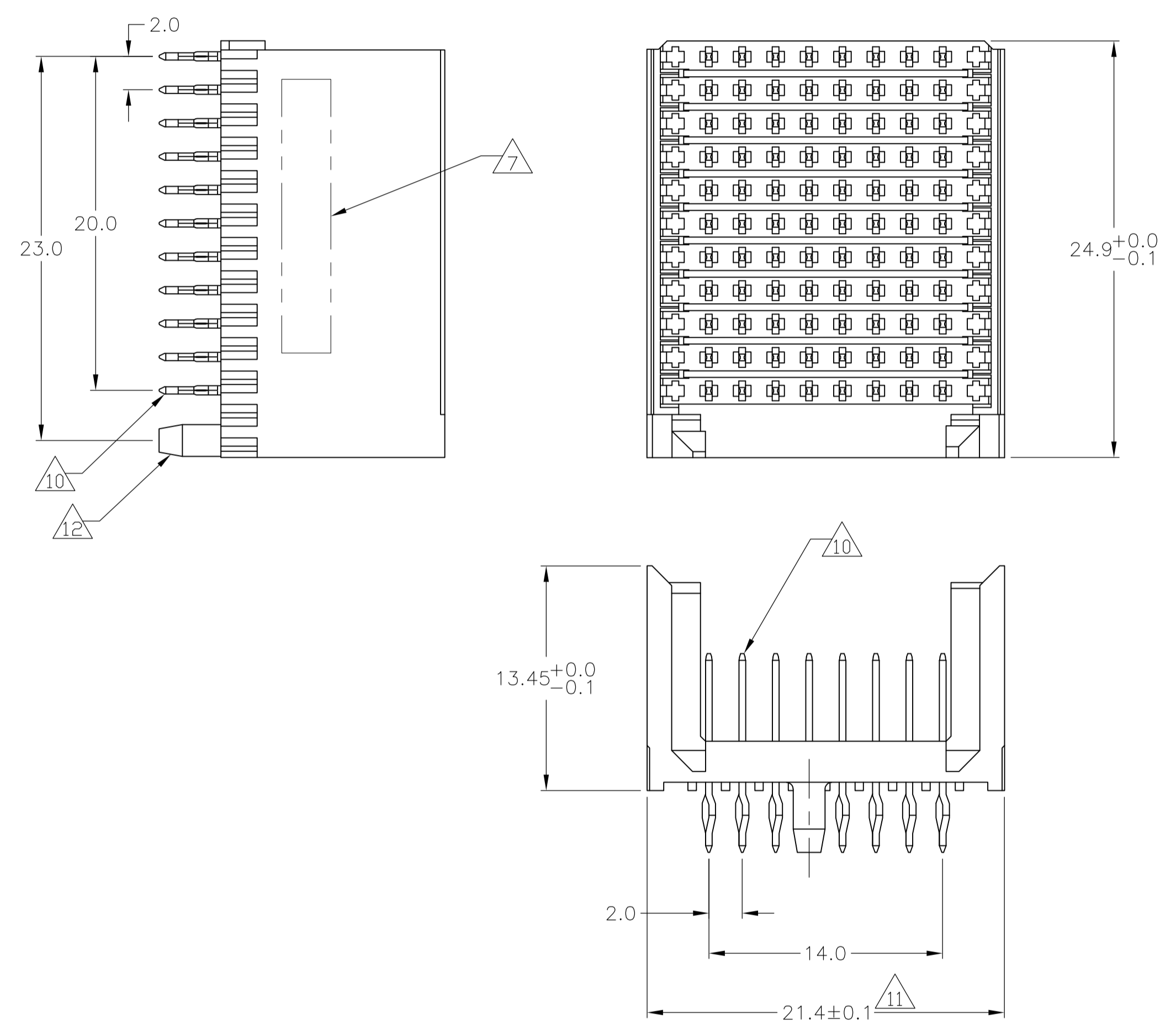
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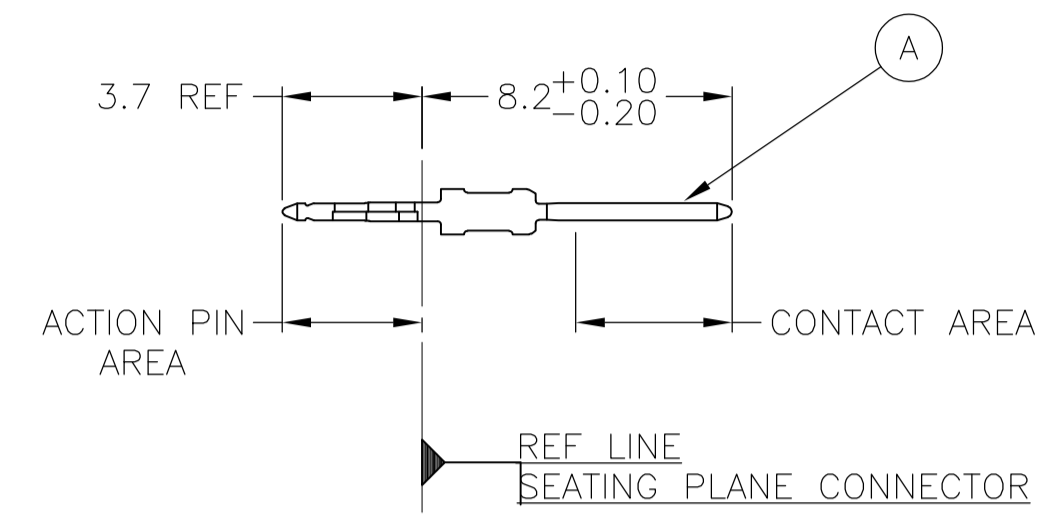


### CONNECTOR ASSEMBLY EXAMPLARY LOADED

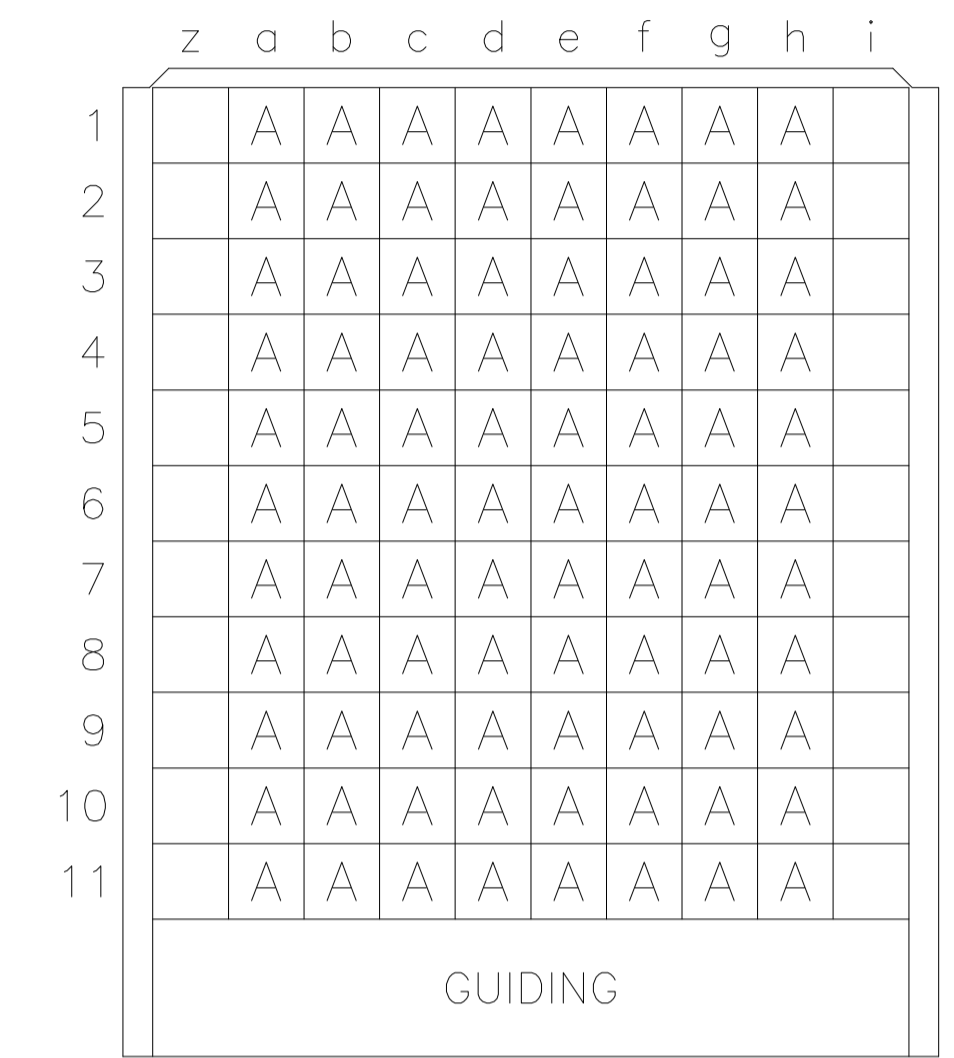


### CONTACT DIMENSIONS

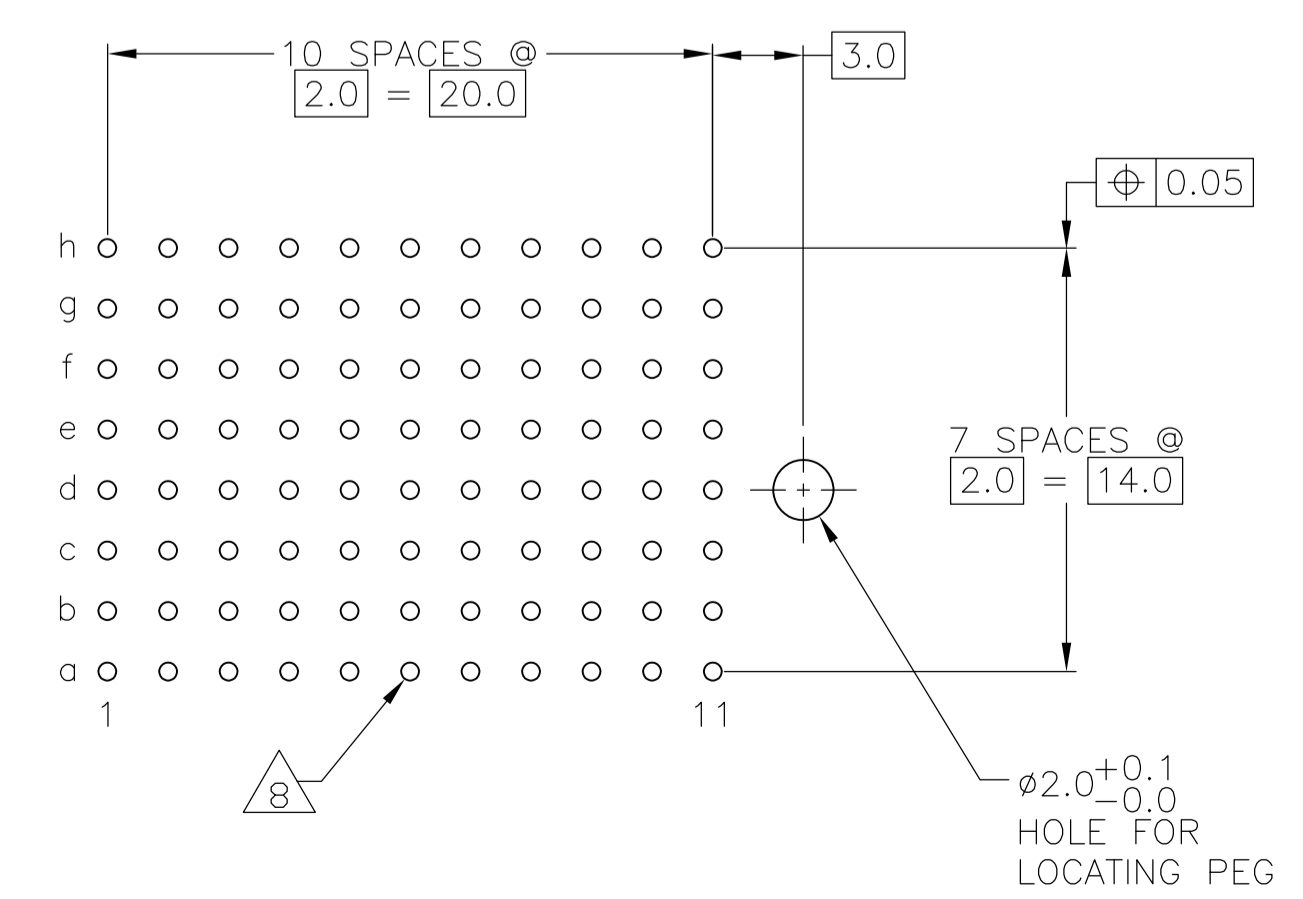
SCALE 5:1



### CONTACT LAYOUT



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

OBSOLETE	2 3 14	3-5646457-0
	2 6 13	1-5646457-9
	2 5 13	5646457-9
	2 4	5646457-4
	2 3	5646457-1
FINISH	PART NUMBER	

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN S. WAITMAN 13JUL05		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		GSKIPPER 13JUL05		NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD GSKIPPER 13JUL05		PRODUCT SPEC: 108-19082	
0-PLC ±		NAME: 114-19029		APPLICATION SPEC: 114-19029	
1-PLC ±0.2		SIZE: A1		CAGE CODE: 00779	
2-PLC ±0.02		WEIGHT: -		DRAWING NO: 5646457	
3-PLC ±0.005		CUSTOMER DRAWING		SCALE: 4:1	
4-PLC ±0.01		SHEET: 1 OF 2		REV: D	
ANGLES: ±0.30°					
MATERIAL: 1		SEE TABLE			

- 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.
- 14 0.76µm MIN GOLD PLATING ON MATING SURFACES

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN 13JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER 13JUL05	NAME G. SKIPPER 13JUL05	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ±0.2 2-PLC ±0.052 3-PLC ±0.005 4-PLC ± ANGLES ±0.30°		APVD G. SKIPPER 13JUL05	PRODUCT SPEC 108-19082	
MATERIAL SEE SHEET 1		FINISH SEE SHEET 1	APPLICATION SPEC 114-19029	RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2	REV D