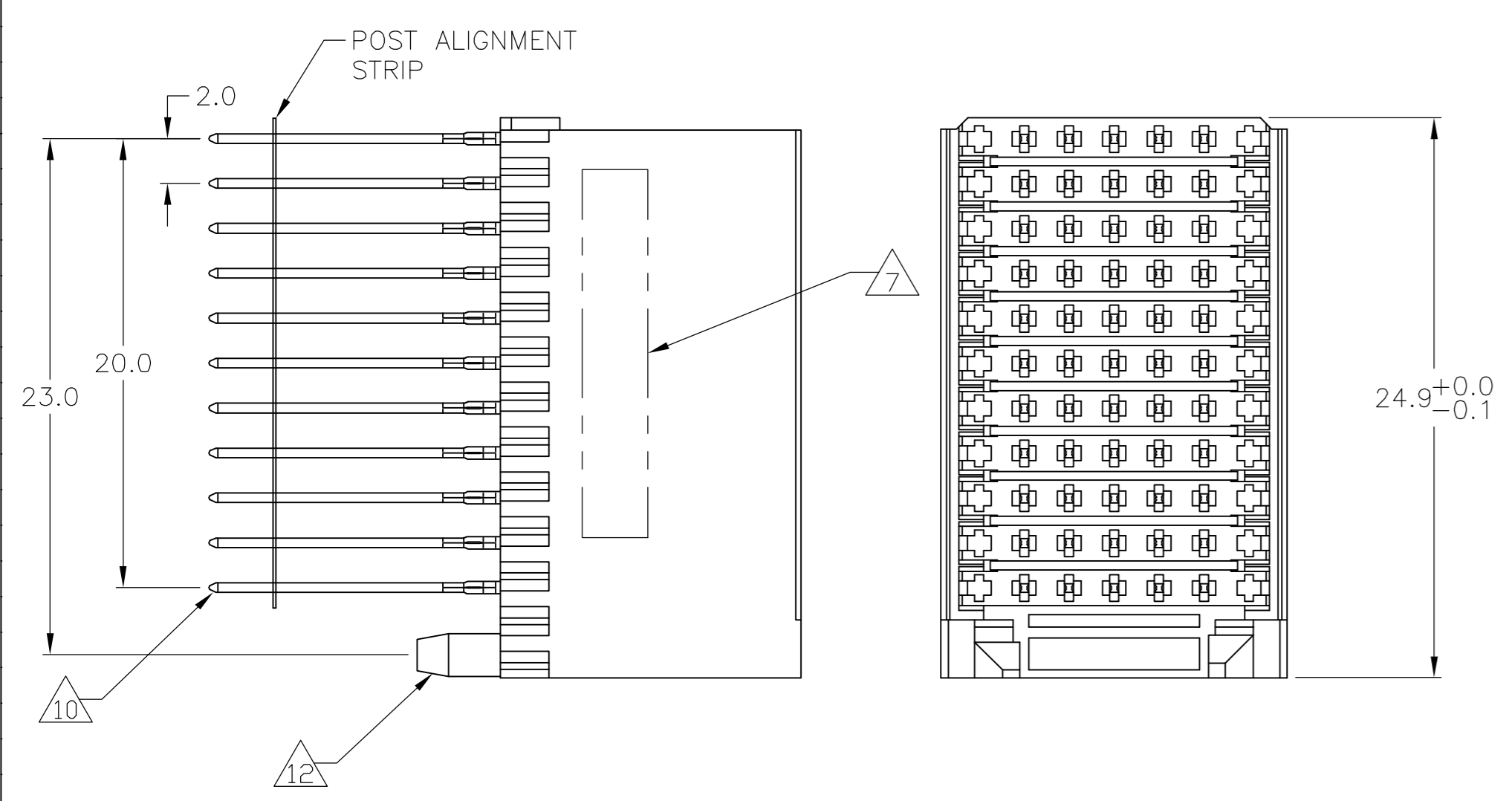
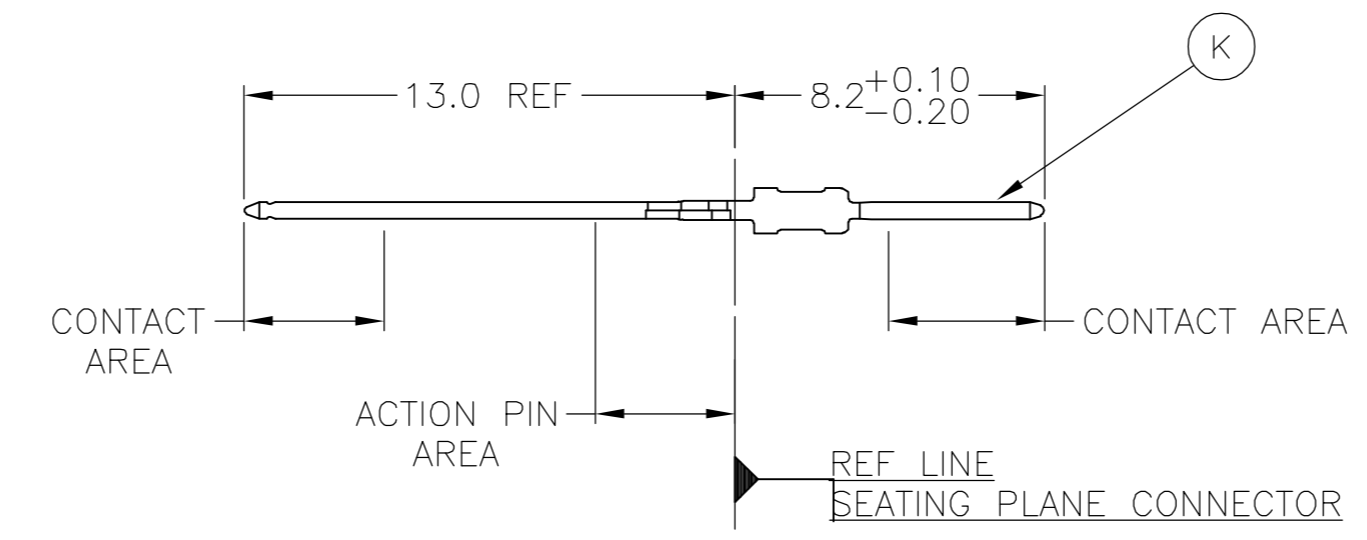


### CONNECTOR ASSEMBLY EXAMPLARY LOADED

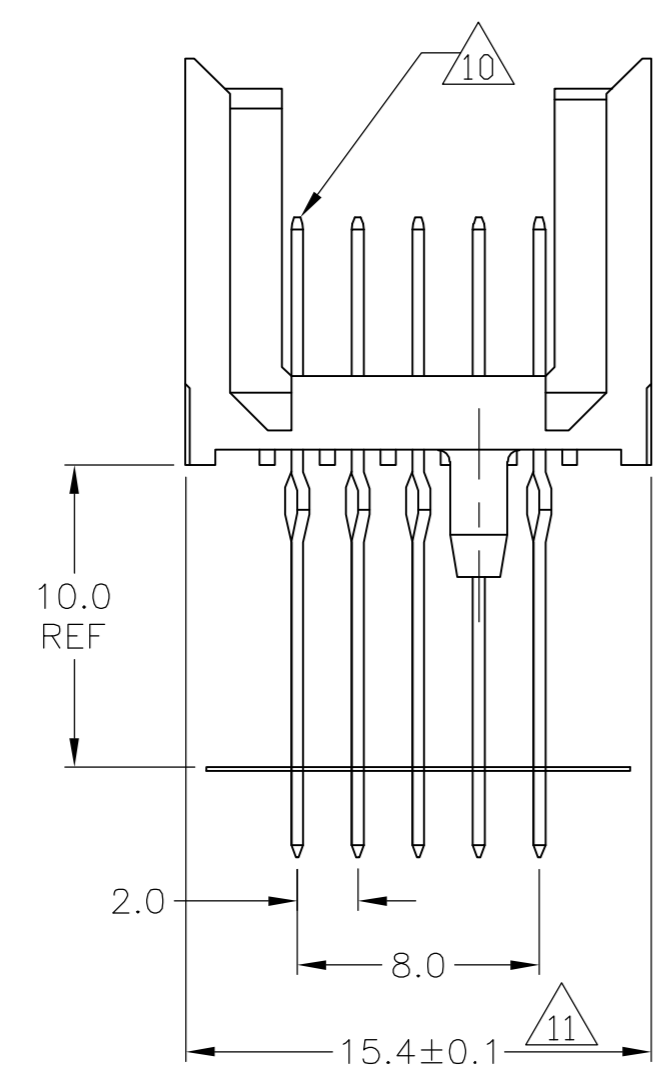
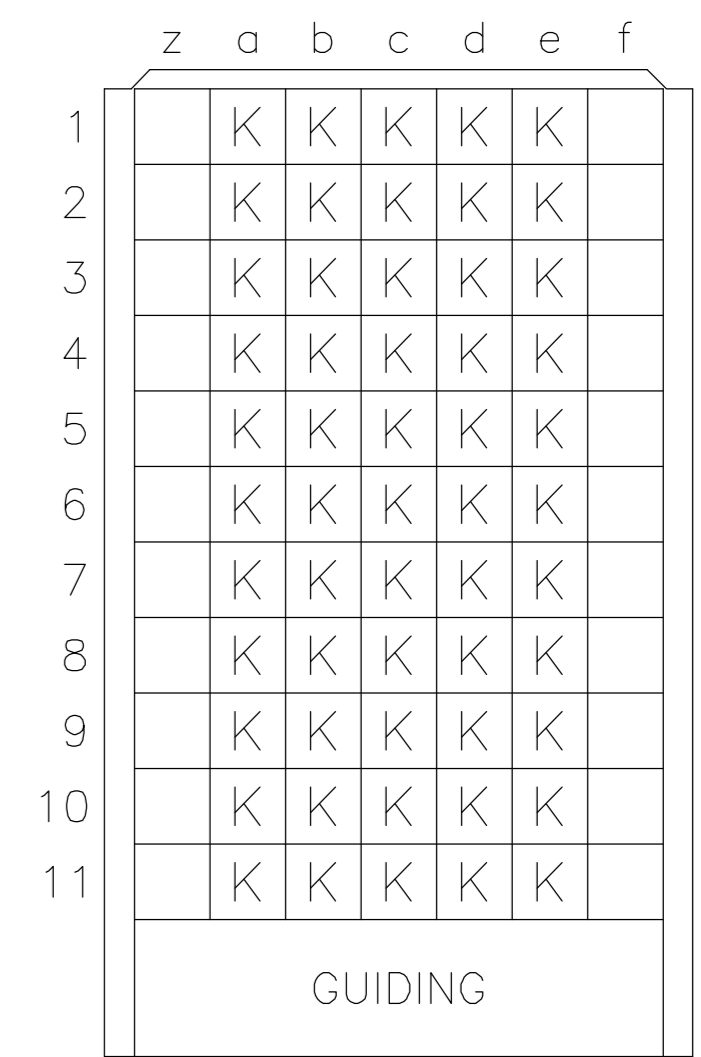


### CONTACT DIMENSIONS

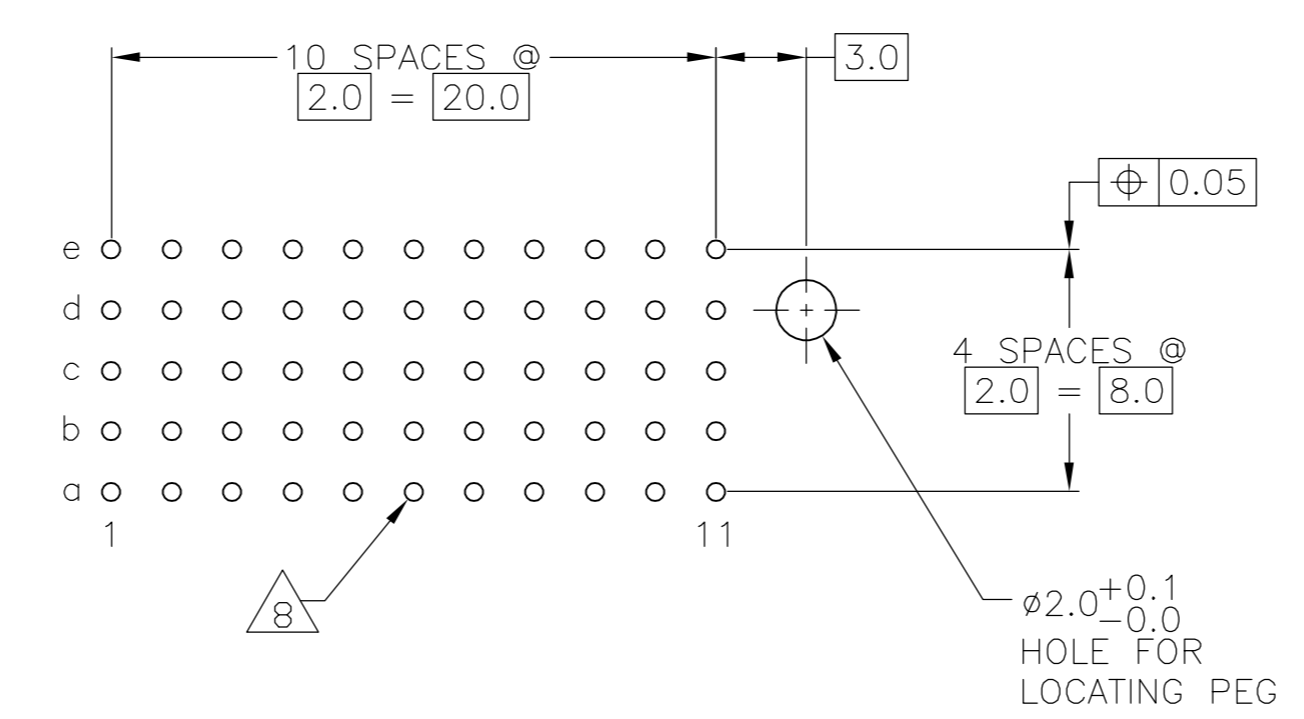
SCALE 5:1



### CONTACT LAYOUT



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2 6 13	1-106303-9
2 5 13	106303-9
2 4 4	106303-4
2 3 3	106303-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B. CARBO 24JAN05	Tyco Electronics Corporation	
DIMENSIONS: mm		DWG: G. SKIPPER 24JAN05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: G. SKIPPER 24JAN05	NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C	
0 PL/C ± -	1 PL/C ± 0.2	PRODUCT SPEC: 108-19082	SIZE: CAGE CODE: DRAWING NO: 114-19029	
2 PL/C ± 0.02	3 PL/C ± 0.005	APPLICATION SPEC: 114-19029	RESTRICTED TO: -	WEIGHT: -
4 PL/C ± -	ANGLES ± 0.30°	SCALE: 4:1	SHEET: 1 OF 2	REV: C
MATERIAL: 1	FINISH: SEE TABLE	CUSTOMER DRAWING	A1 00779 106303	

LOC		DIST		REVISIONS			
AD	00	REV	LTR	DESCRIPTION	DATE	OWN	APPRO
-	-	-	-	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.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN B CARBO	24JAN05	<b>tyco</b> Electronics	Tyco Electronics Corporation Harrisburg, Pa 17105-3608																			
DIMENSIONS: mm		CHK G SKIPPER	24JAN05		APPRO G SKIPPER	24JAN05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE C																	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC																				
<table border="0"> <tr><td>0 PLC</td><td>±</td><td>-</td></tr> <tr><td>1 PLC</td><td>±</td><td>0.2</td></tr> <tr><td>2 PLC</td><td>±</td><td>0.02</td></tr> <tr><td>3 PLC</td><td>±</td><td>0.005</td></tr> <tr><td>4 PLC</td><td>±</td><td>-</td></tr> <tr><td>ANGLES</td><td>±</td><td>± 0.30°</td></tr> </table>		0 PLC	±	-	1 PLC	±	0.2	2 PLC	±	0.02	3 PLC	±	0.005	4 PLC	±	-	ANGLES	±	± 0.30°	108-19082		114-19029		
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3 PLC	±	0.005																						
4 PLC	±	-																						
ANGLES	±	± 0.30°																						
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO 106303	RESTRICTED TO -																		
CUSTOMER DRAWING				SCALE 4:1	SHEET 2	OF 2																		