



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

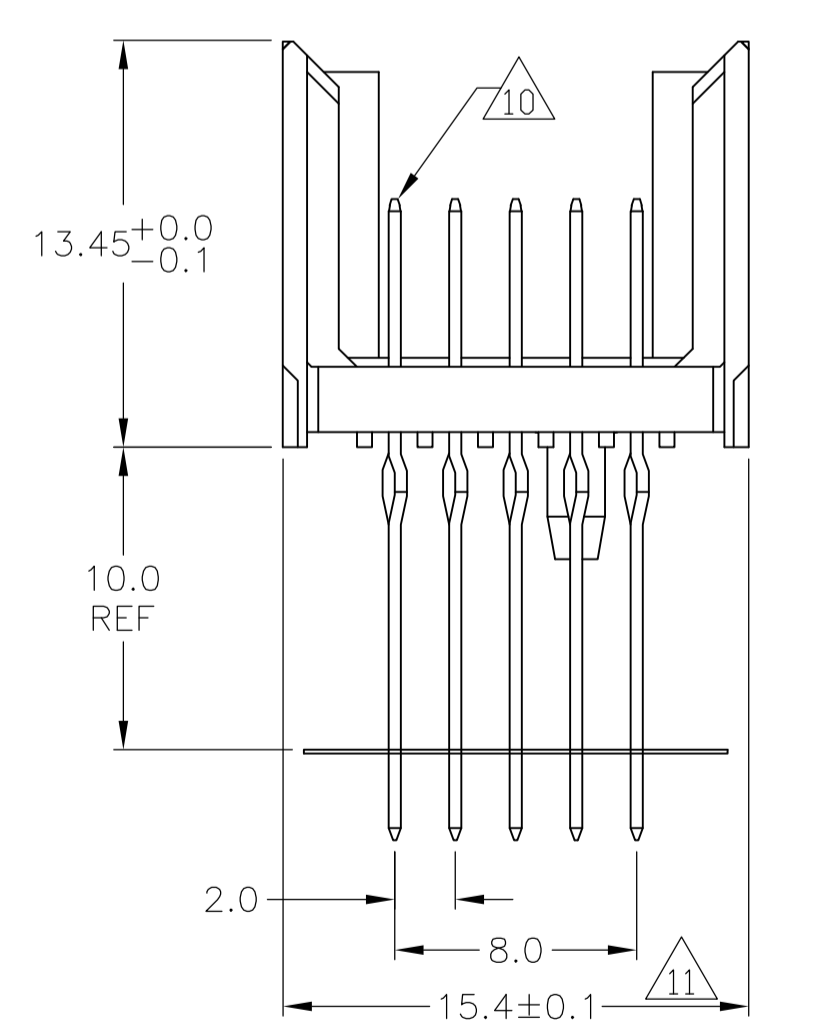
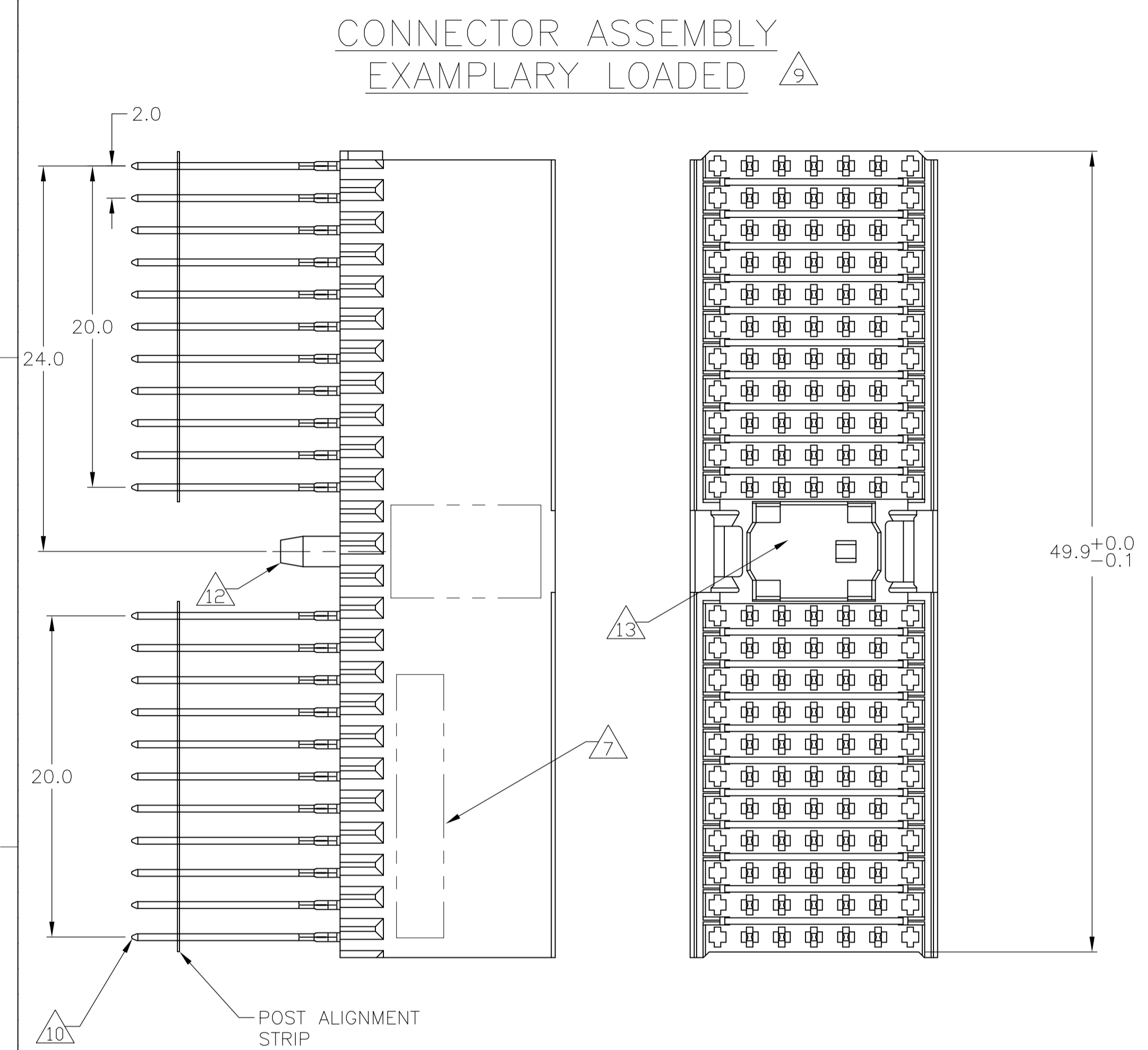
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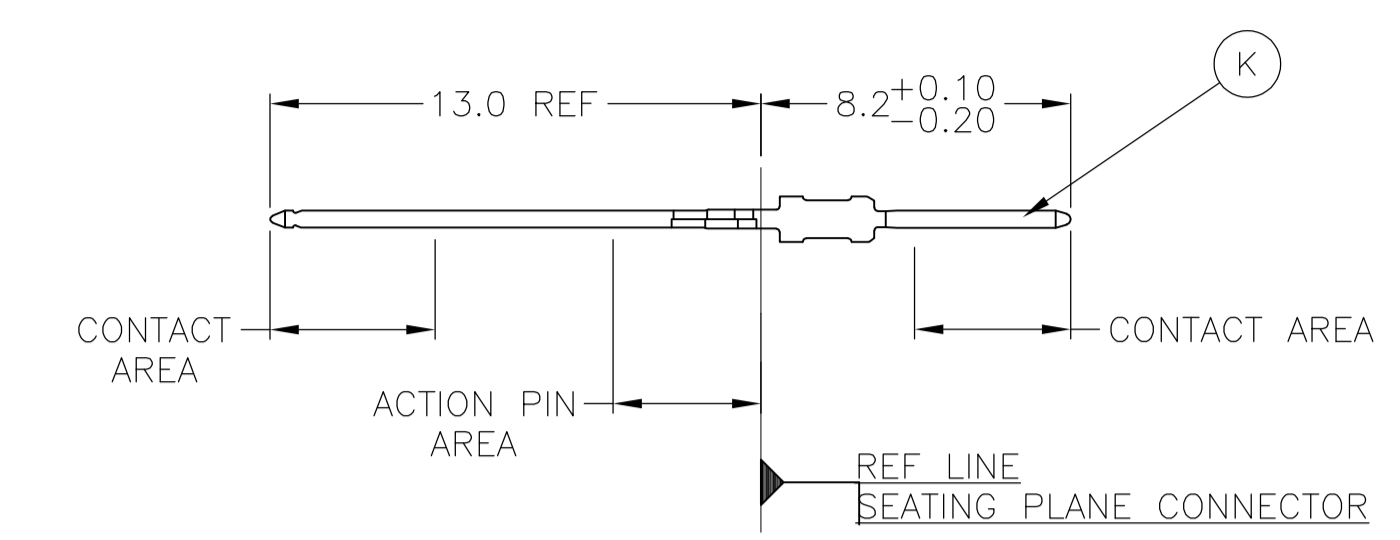


LOC		DIST		REVISIONS			
AD	00	REV	DATE	BY	CHKD	APVD	
A		REVISED PER EC OS12-0306-05	01FEB06	BC	GS		
B		ECR-10-019054	15SEP10	DP	MQW		

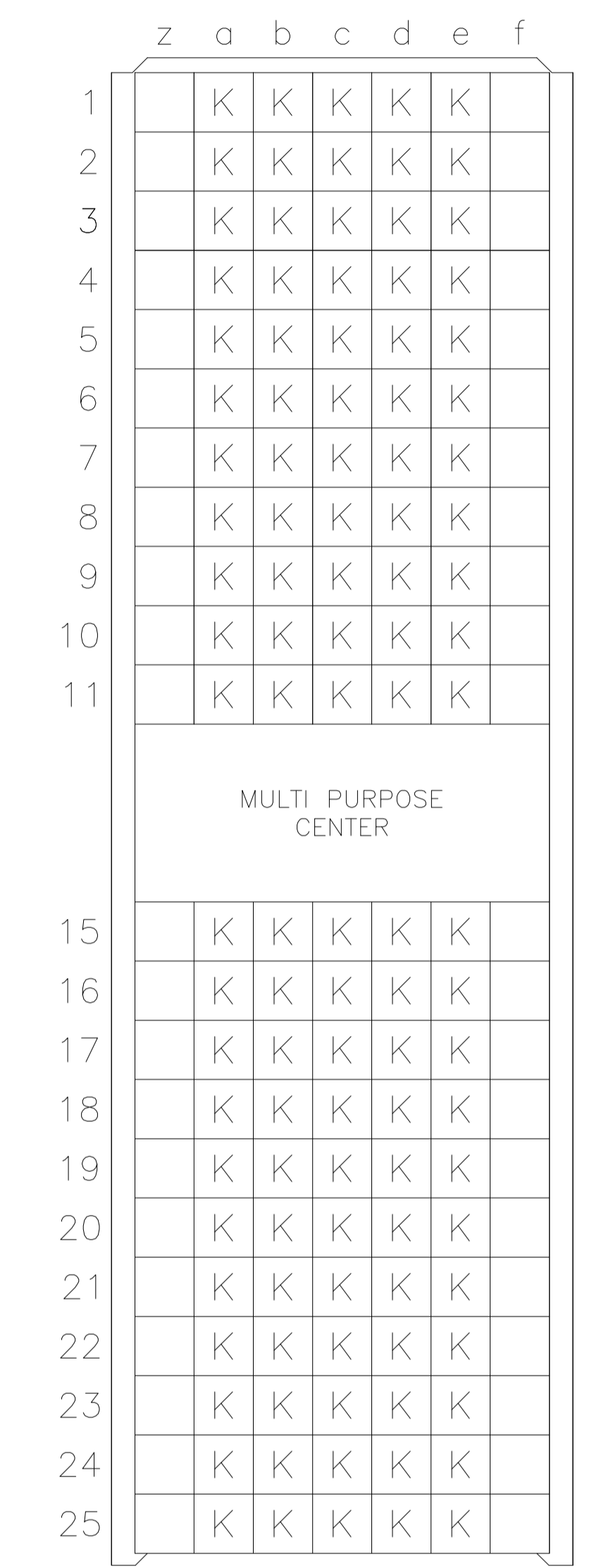


### CONTACT DIMENSIONS

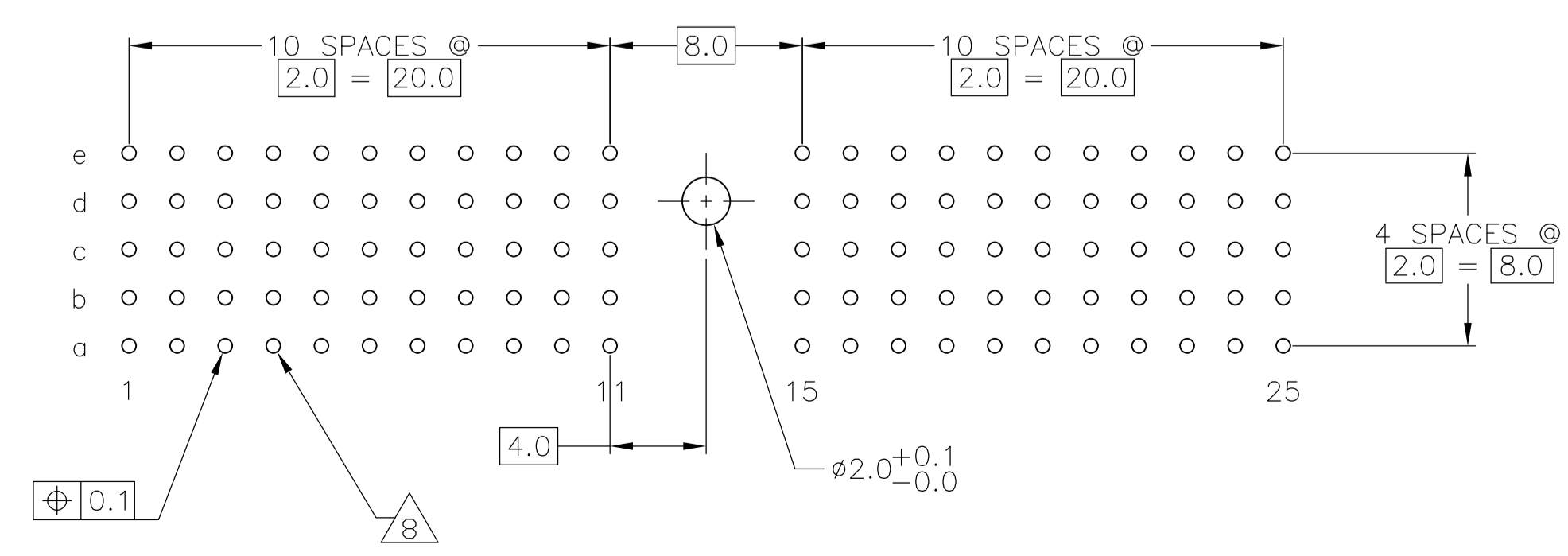
SCALE 5:1



### CONTACT LAYOUT



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2 6 14	1-5106164-9
2 5 14	5106164-9
2 4	5106164-4
2 3	5106164-1
FINISH	PART NUMBER


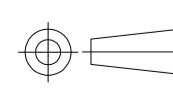
THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2	DIN B CARBO 24JAN05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0-PLG ±	1-PLG ±0.1	CHK G SKIPPER 24JAN05	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A
2-PLG ±	3-PLG ±	APVD G SKIPPER 24JAN05	108-19082
4-PLG ±	ANGLES ±	PRODUCT SPEC	114-19029
MATERIAL 1	FINISH SEE TABLE	SIZE A1	CAGE CODE 00779
		DRAWING NO. 5106164	RESTRICTED TO
		WEIGHT	CUSTOMER DRAWING

SCALE 4:1 SHEET 1 OF 2 REV B

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DMN	APVO
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 POLARIZATION FEATURE.
- 13 AREA RESERVED FOR KEYING PART (BASIC P/N 100525)
- 14 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
		CHK G SKIPPER	24JAN05	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±		NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A
		APVO G SKIPPER PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029		
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779
		DRAWING NO 5106164		RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 2 REV B