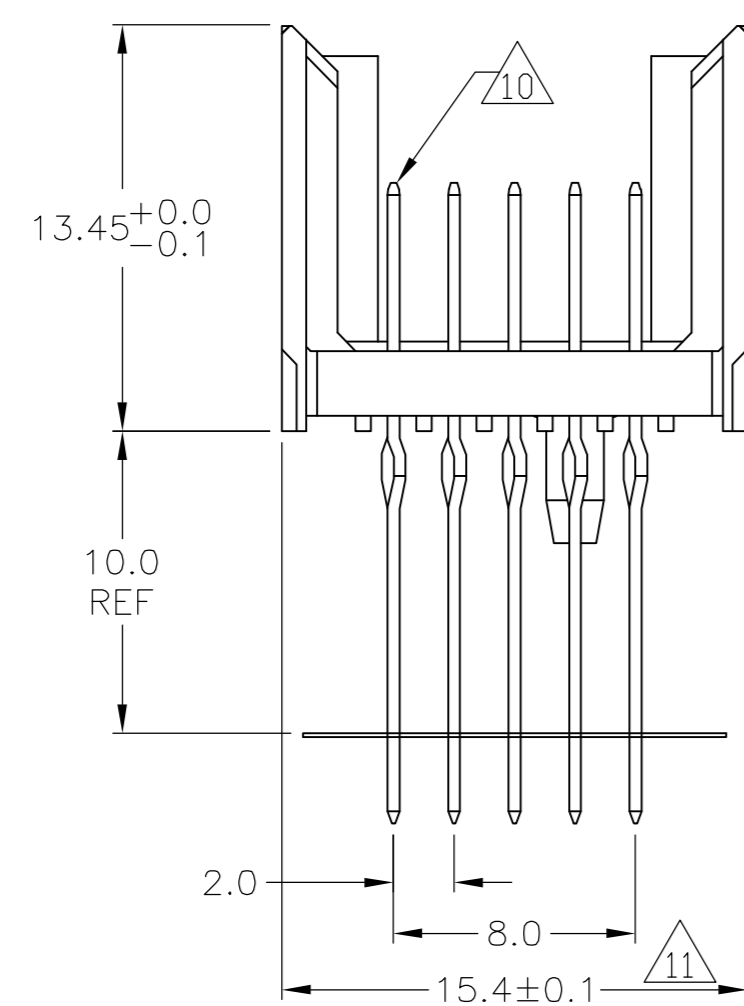
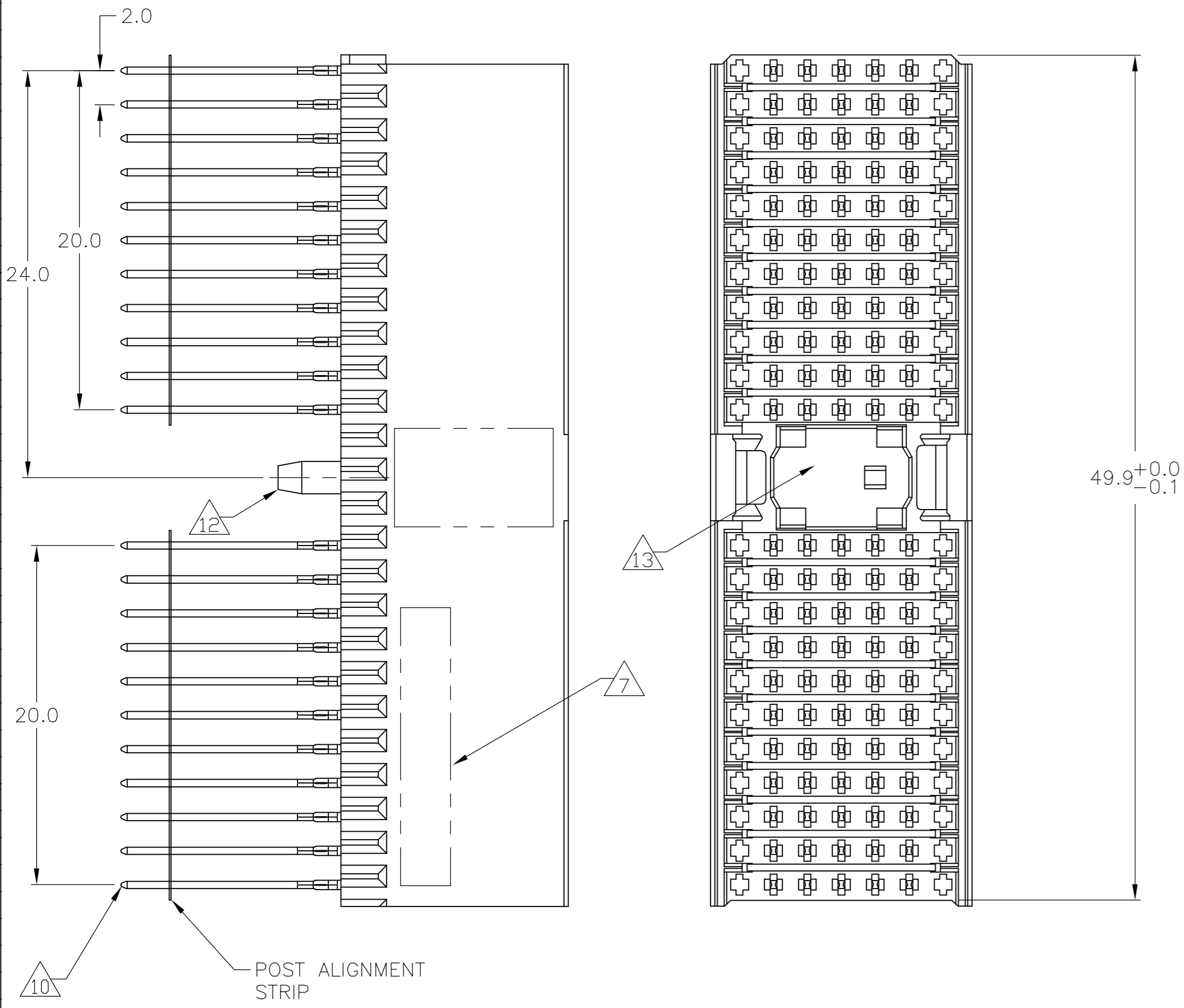
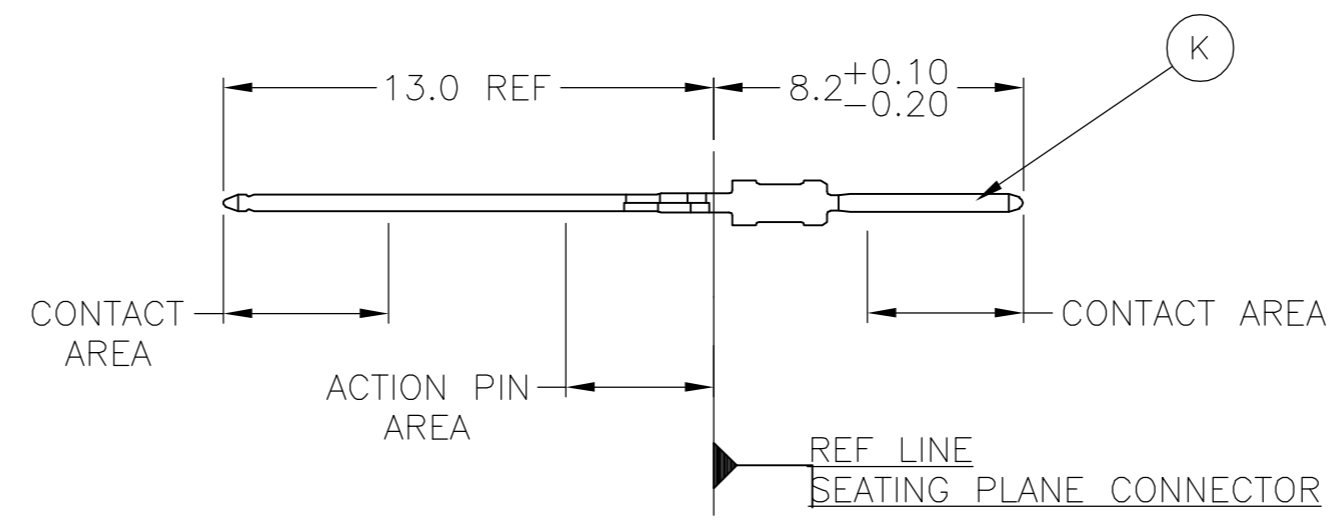


CONNECTOR ASSEMBLY EXAMPLARY LOADED

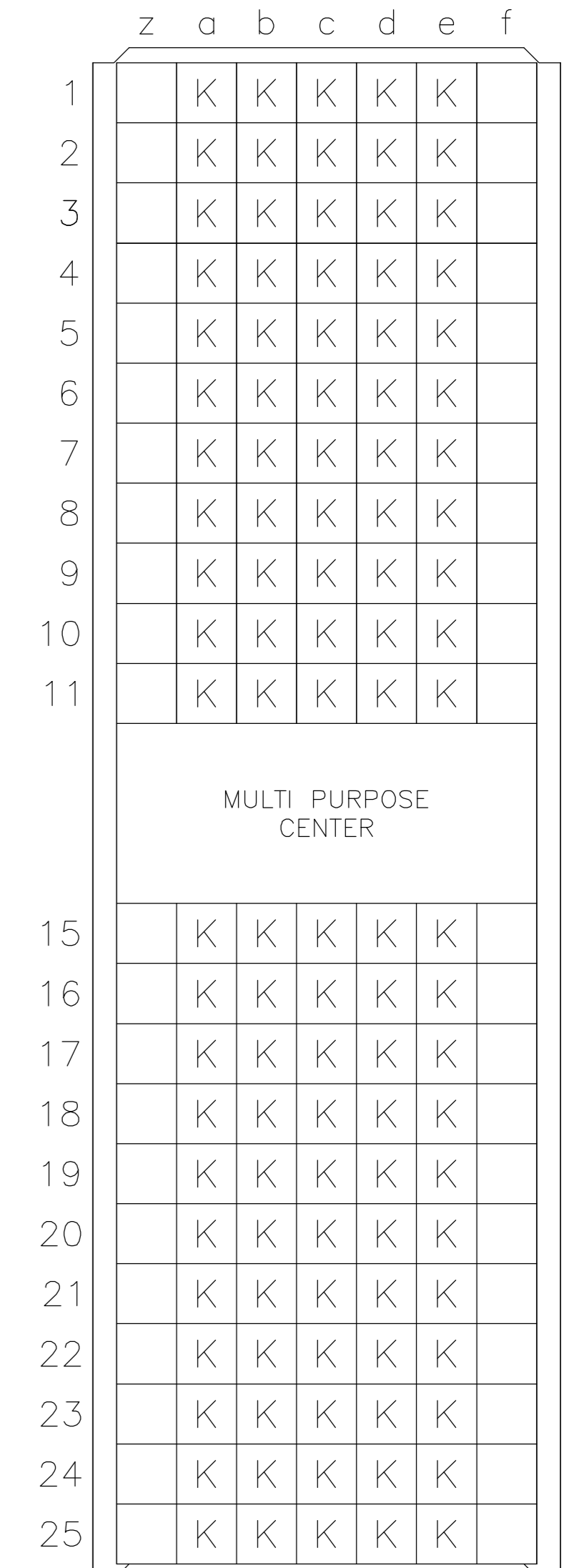


CONTACT DIMENSIONS

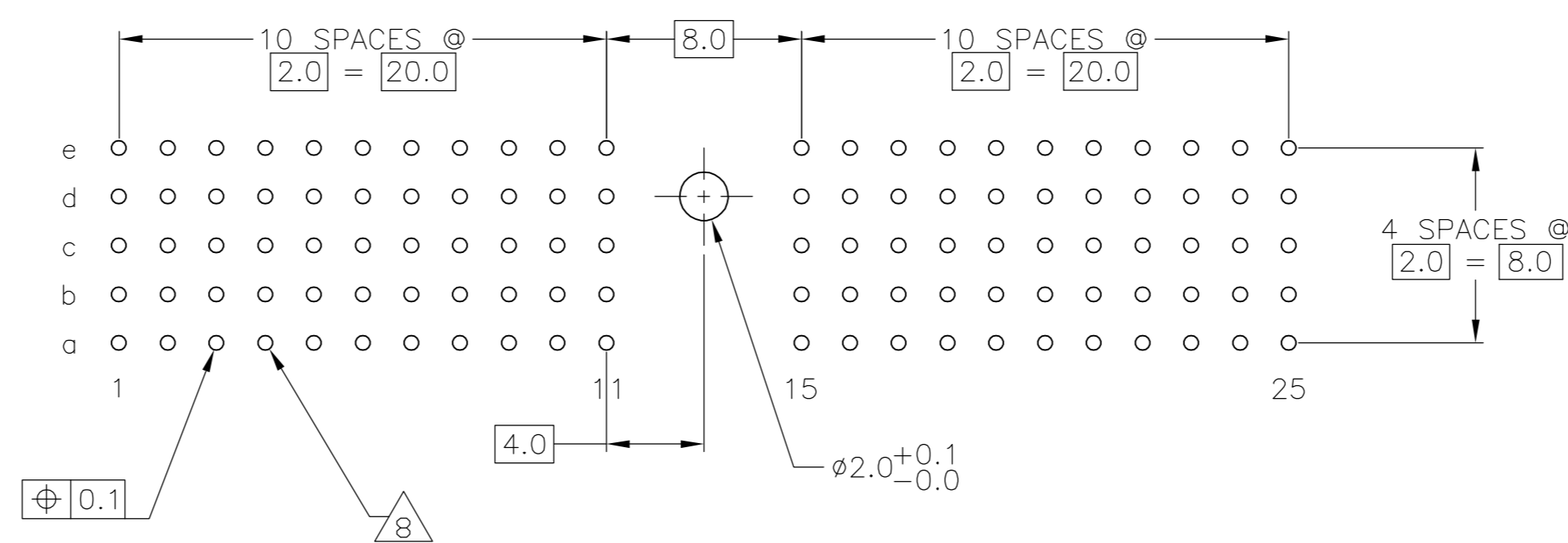
SCALE 5:1



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2/6/14	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.		DWN: B. CARBO 24JAN05	Tyco Electronics Corporation	
DIMENSIONS: mm		CHK: G. SKIPPER 24JAN05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD: G. SKIPPER 24JAN05	NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A	
0 PLC	± -	PRODUCT SPEC	108-19082	
1 PLC	± 0.1	APPLICATION SPEC	114-19029	
2 PLC	± -	SIZE	A1	00779
3 PLC	± -	CAGE CODE	5106164	
4 PLC	± -	DRAWING NO		
ANGLES	± -	RESTRICTED TO		
MATERIAL	SEE TABLE	WEIGHT		
FINISH	SEE TABLE	CUSTOMER DRAWING		
		SCALE	4:1	SHEET 1 OF 2
		REV	A	

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