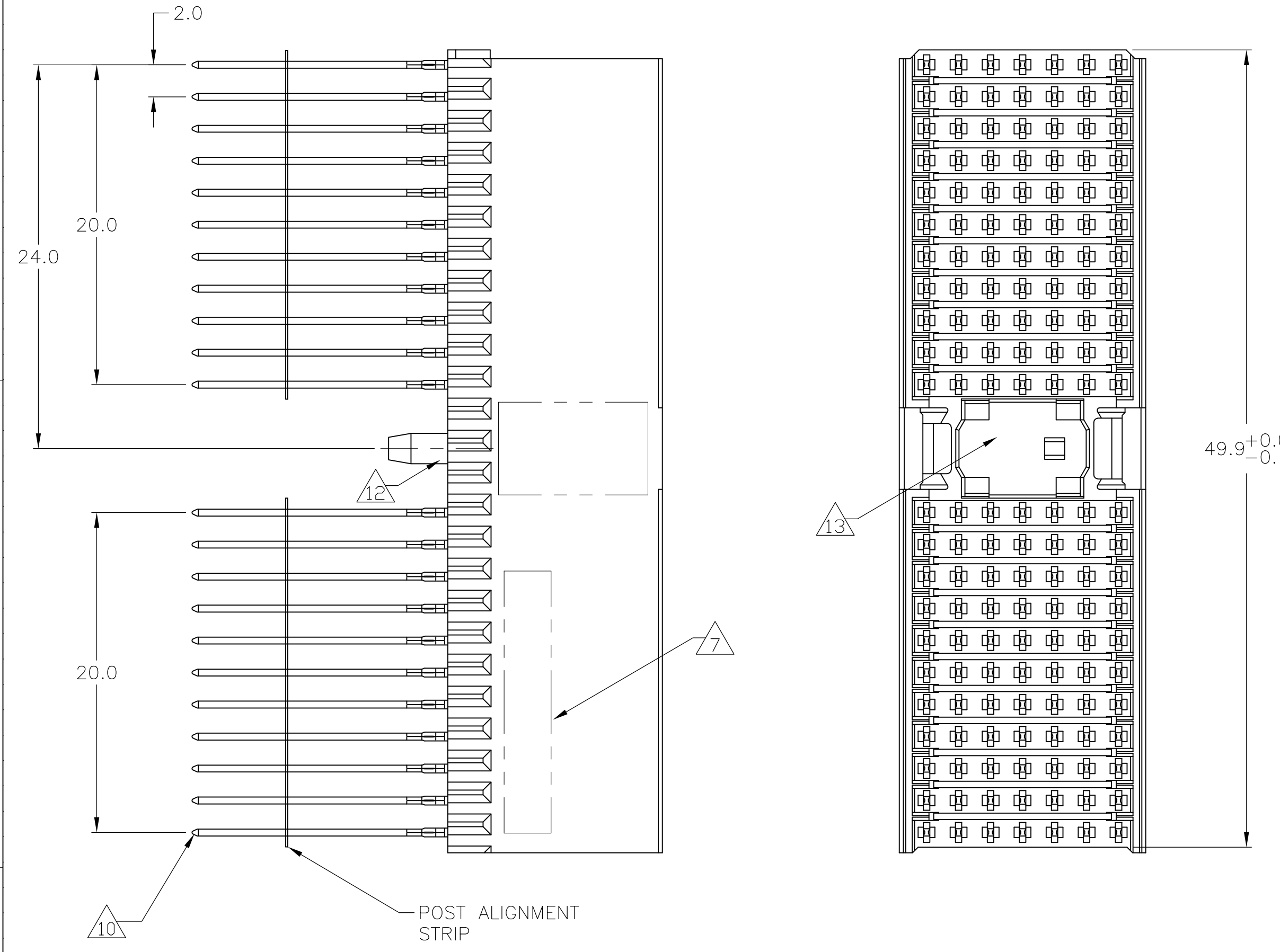
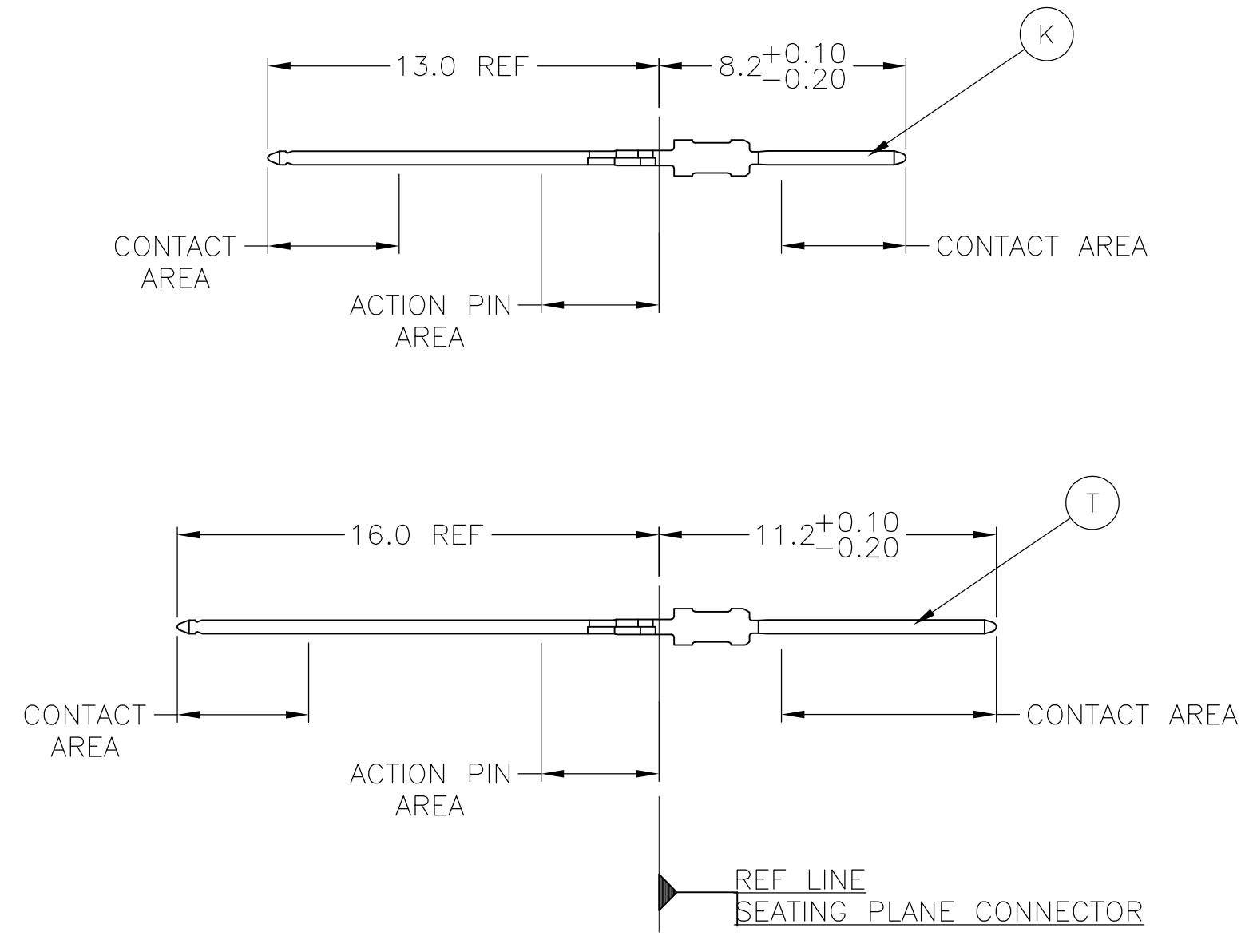


LOC		DIST		REVISIONS					
AD	00	REV	PER	EC	DATE	BY	CHK		
		B	REV	PER	EC	0512-0306-05	23MAY06	BC	GS
		C	ECR	-10-019054			15SEP10	DP	MQW

### CONNECTOR ASSEMBLY EXAMPLARY LOADED

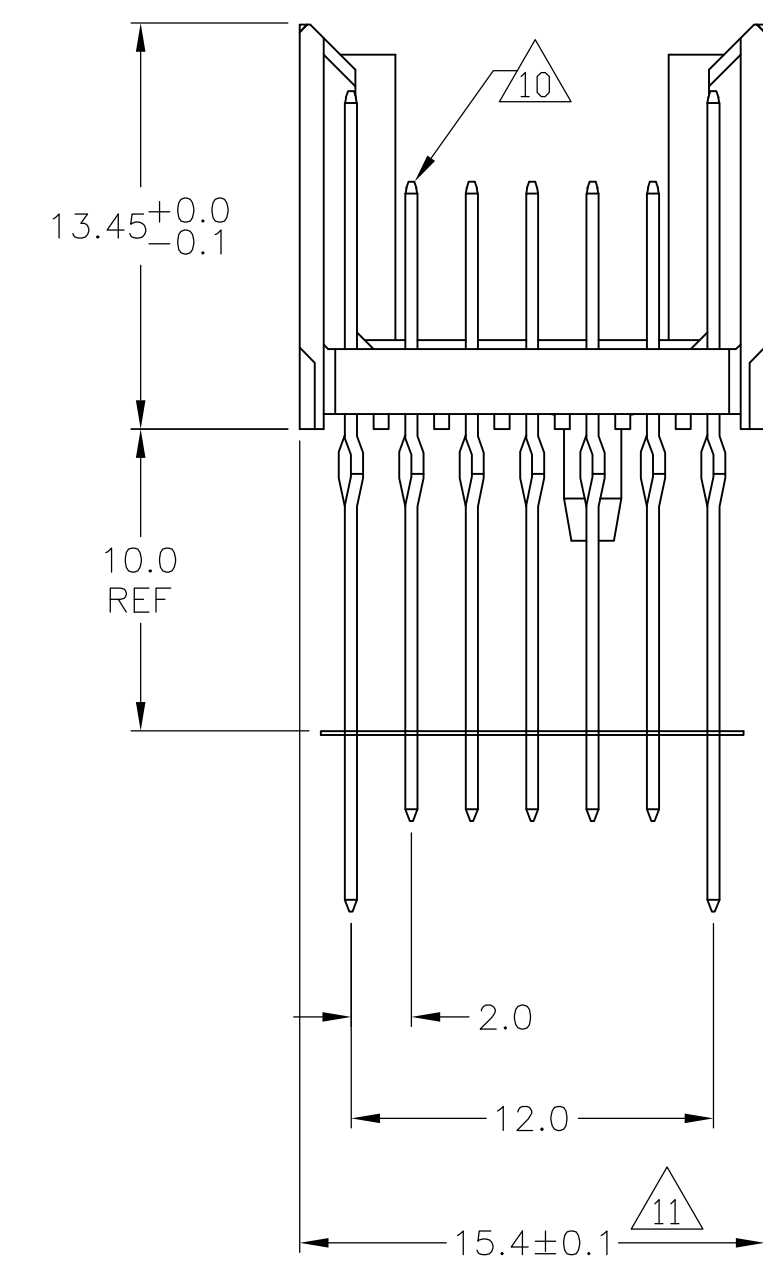


### CONTACT DIMENSIONS SCALE 5:1

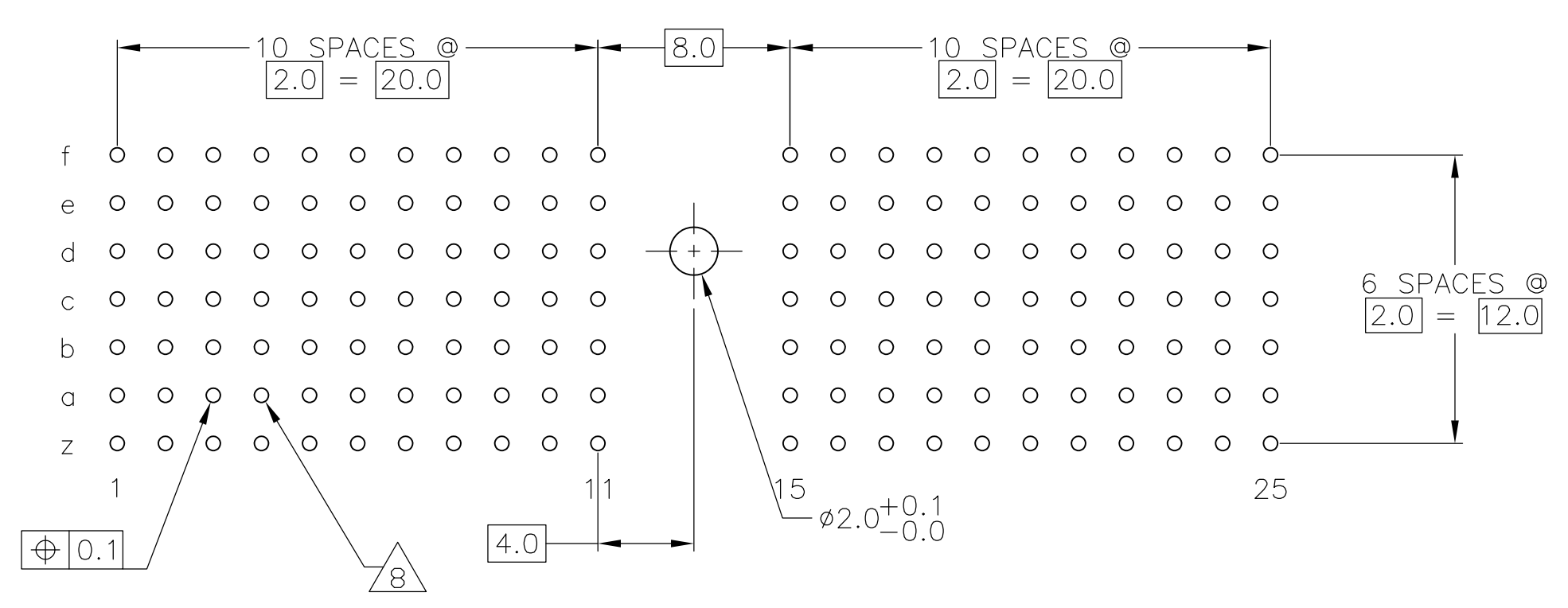


### CONTACT LAYOUT

	z	a	b	c	d	e	f
1	T	K	K	K	K	K	T
2	T	K	K	K	K	K	T
3	T	K	K	K	K	K	T
4	T	K	K	K	K	K	T
5	T	K	K	K	K	K	T
6	T	K	K	K	K	K	T
7	T	K	K	K	K	K	T
8	T	K	K	K	K	K	T
9	T	K	K	K	K	K	T
10	T	K	K	K	K	K	T
11	T	K	K	K	K	K	T
MULTI PURPOSE CENTER							
15	T	K	K	K	K	K	T
16	T	K	K	K	K	K	T
17	T	K	K	K	K	K	T
18	T	K	K	K	K	K	T
19	T	K	K	K	K	K	T
20	T	K	K	K	K	K	T
21	T	K	K	K	K	K	T
22	T	K	K	K	K	K	T
23	T	K	K	K	K	K	T
24	T	K	K	K	K	K	T
25	T	K	K	K	K	K	T



### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION


2 6 14	1-5106509-9
2 5 14	5106509-9
2 4	5106509-4
2 3	5106509-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: ±0.2	DRAWN: E. CARBO	21APROS	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0-PLC ±	1-PLC ±0.1	CHK: G. SKIPPER	21APROS	
MATERIAL: 1	FINISH: SEE TABLE	APPROVED: G. SKIPPER	21APROS	NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A
		PRODUCT SPEC: 108-19082	SIZE: A1	CAGE CODE: 00779
		APPLICATION SPEC: 114-19029	DRAWING NO: 5106509	RESTRICTED TO: -
		WEIGHT: -	CUSTOMER DRAWING	SCALE: 4:1
				SHEET: 1 OF 2
				REV: C

LOC	DIST	REVISIONS			
AD	00	REV	DATE	BY	APPV
		1	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 E CARBO	21APR05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
		CHK G SKIPPER	21APR05			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ±0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±		APVD G SKIPPER PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A	
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1	CAGE CODE 00779	DRAWING NO 5106509	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1	SHEET 2	OF 2	REV C