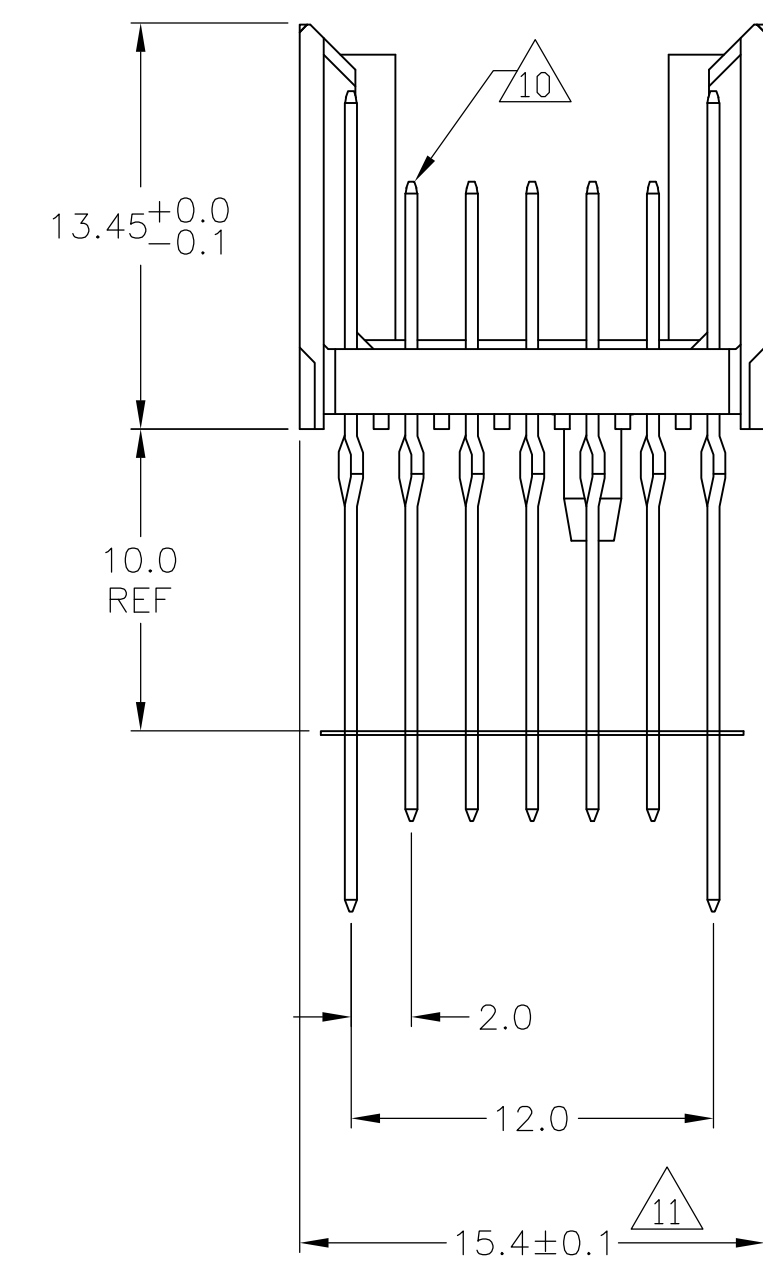
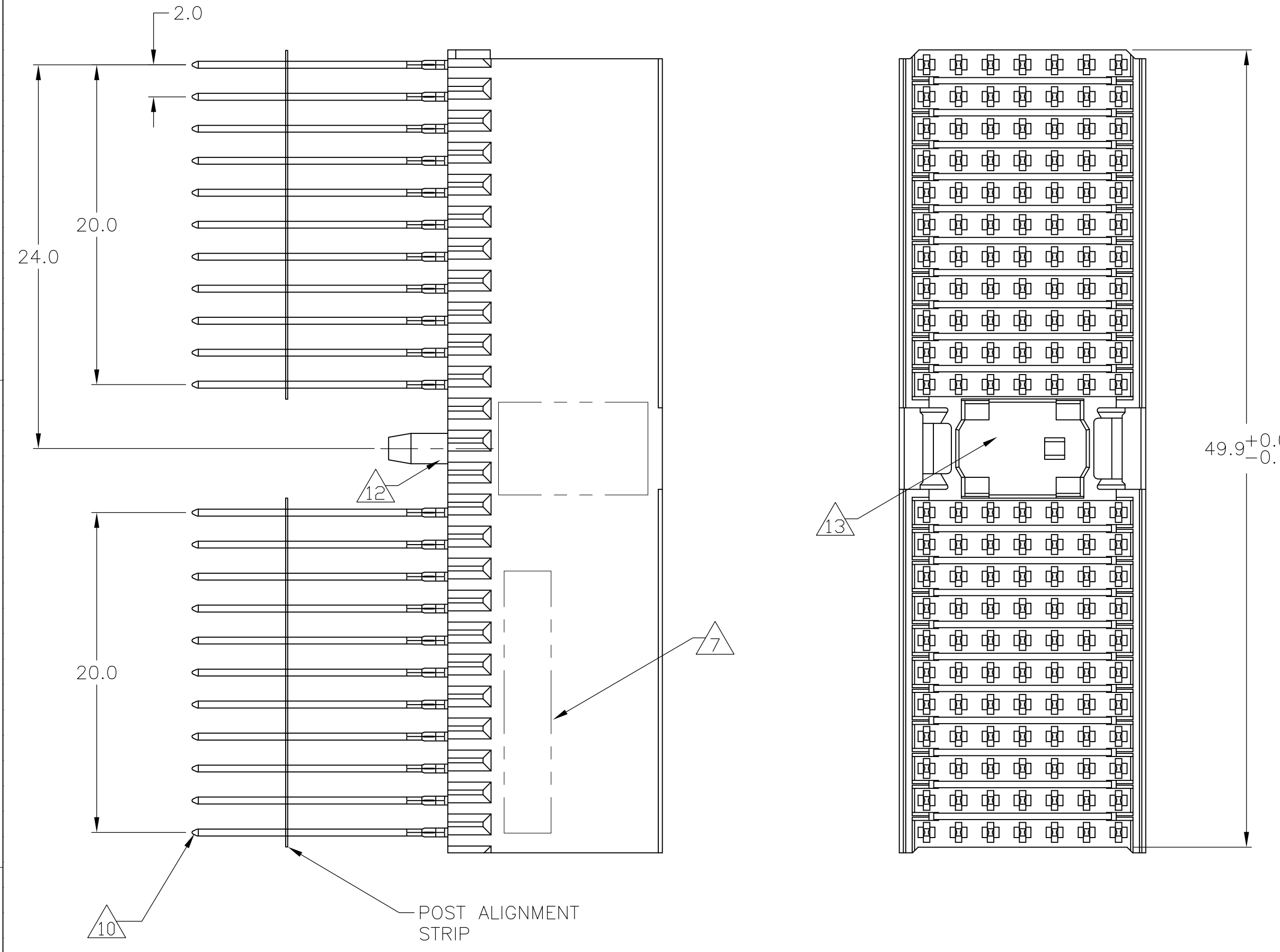
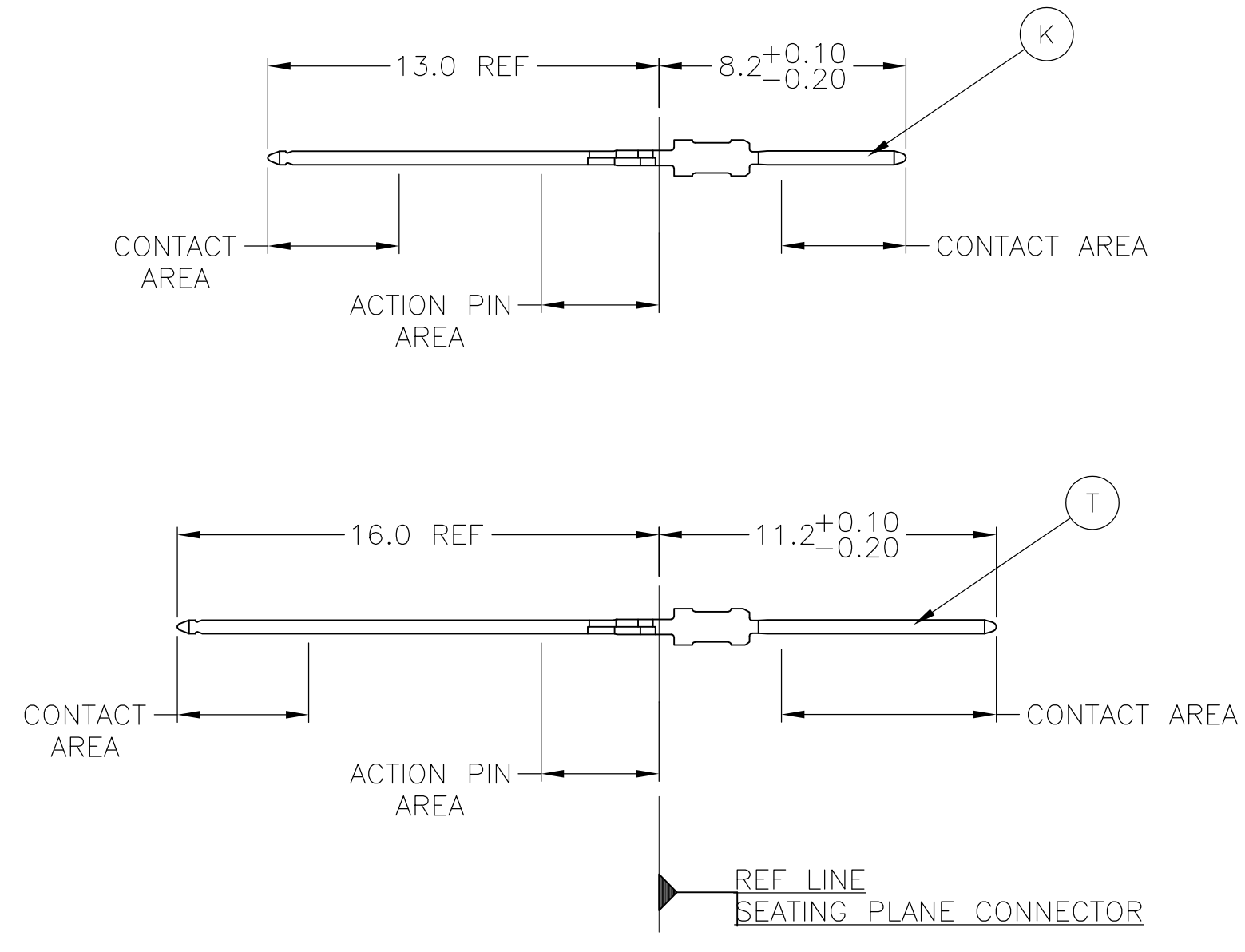


LOC		DIST		REVISIONS			
AD	00	REV	PER	EC	DATE	BY	CHK
B		REV	PER	EC	0512-0306-05	23MAY06	BC GS
C		ECR			10-019054	15SEP10	DP MQW

### CONNECTOR ASSEMBLY EXAMPLARY LOADED



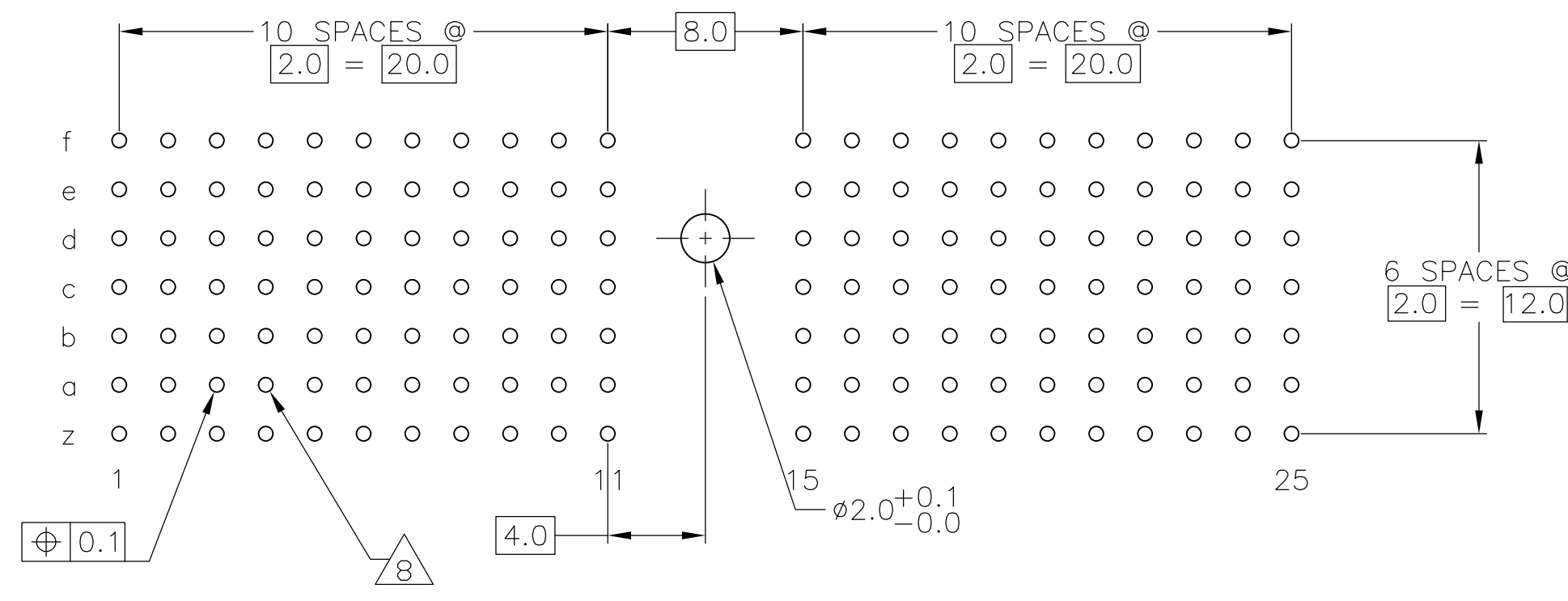
### CONTACT DIMENSIONS SCALE 5:1



### 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:	DRAWN: E. CARBO	21APROS	Checked: G. SKIPPER	21APROS	NAME: G. SKIPPER	21APROS	Tyco Electronics Corporation	Harrisburg, Pa 17105-3608		
0-PLC ±	1-PLC ± 0.1	2-PLC ± 0.2	3-PLC ±	4-PLC ±	ANGLES ±	FINISH SEE TABLE	PRODUCT SPEC: 108-19082	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A			
MATERIAL: 1							APPLICATION SPEC: 114-19029	SIZE: A1	CAGE CODE: 00779	DRAWING NO: 5106509	RESTRICTED TO: -
CUSTOMER DRAWING								SCALE: 4:1	SHEET: 1 OF 2	REV: C	

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