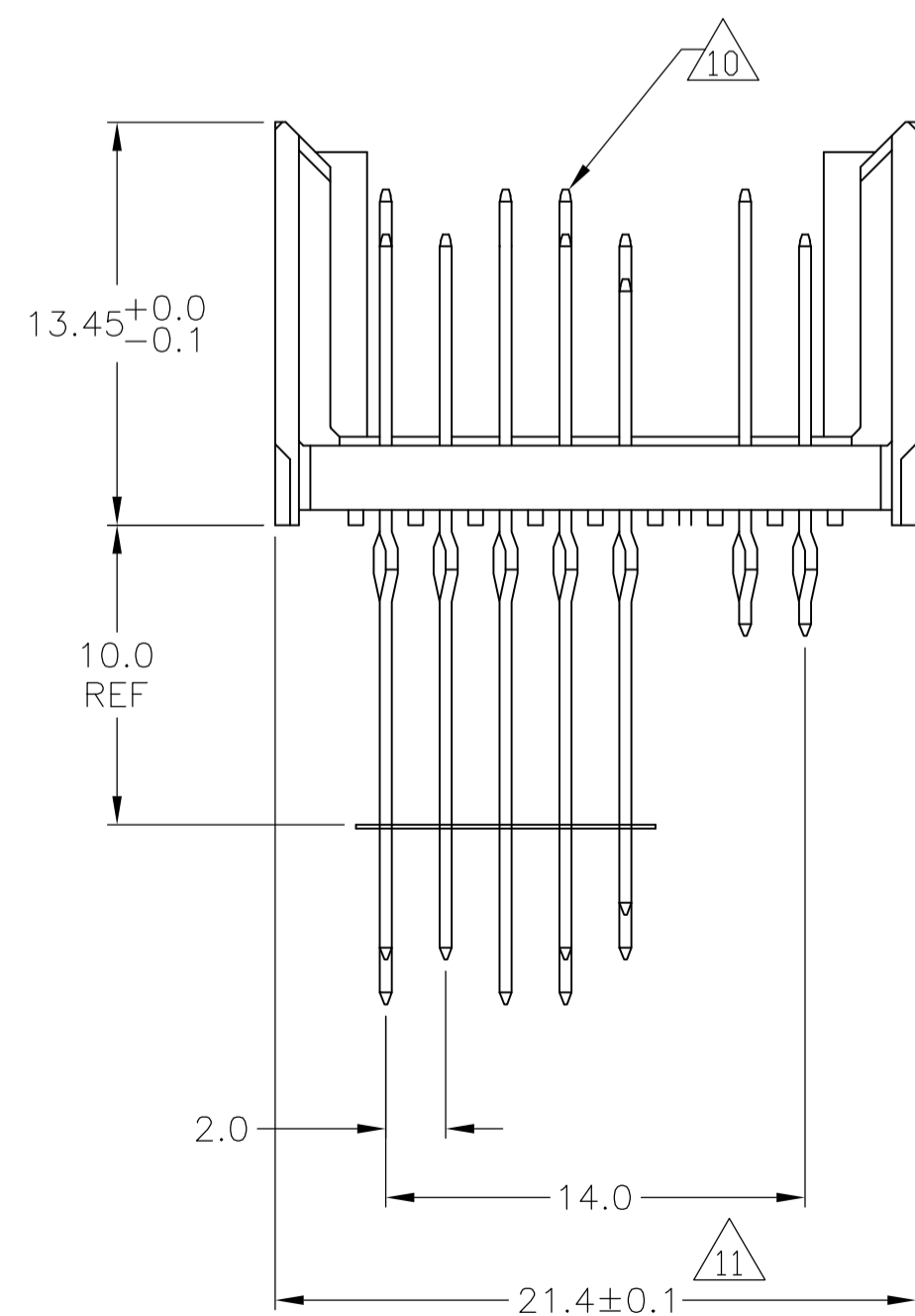
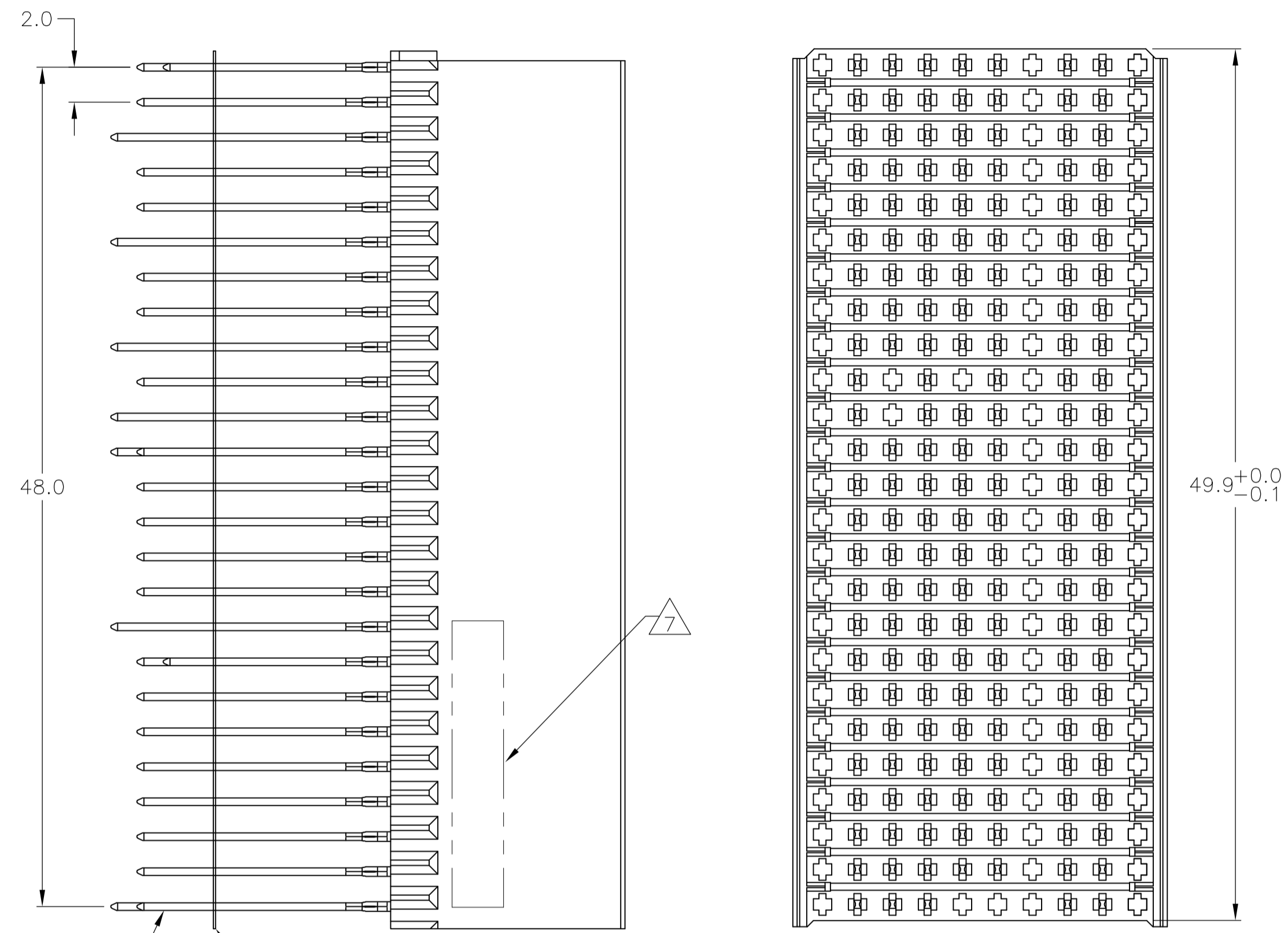
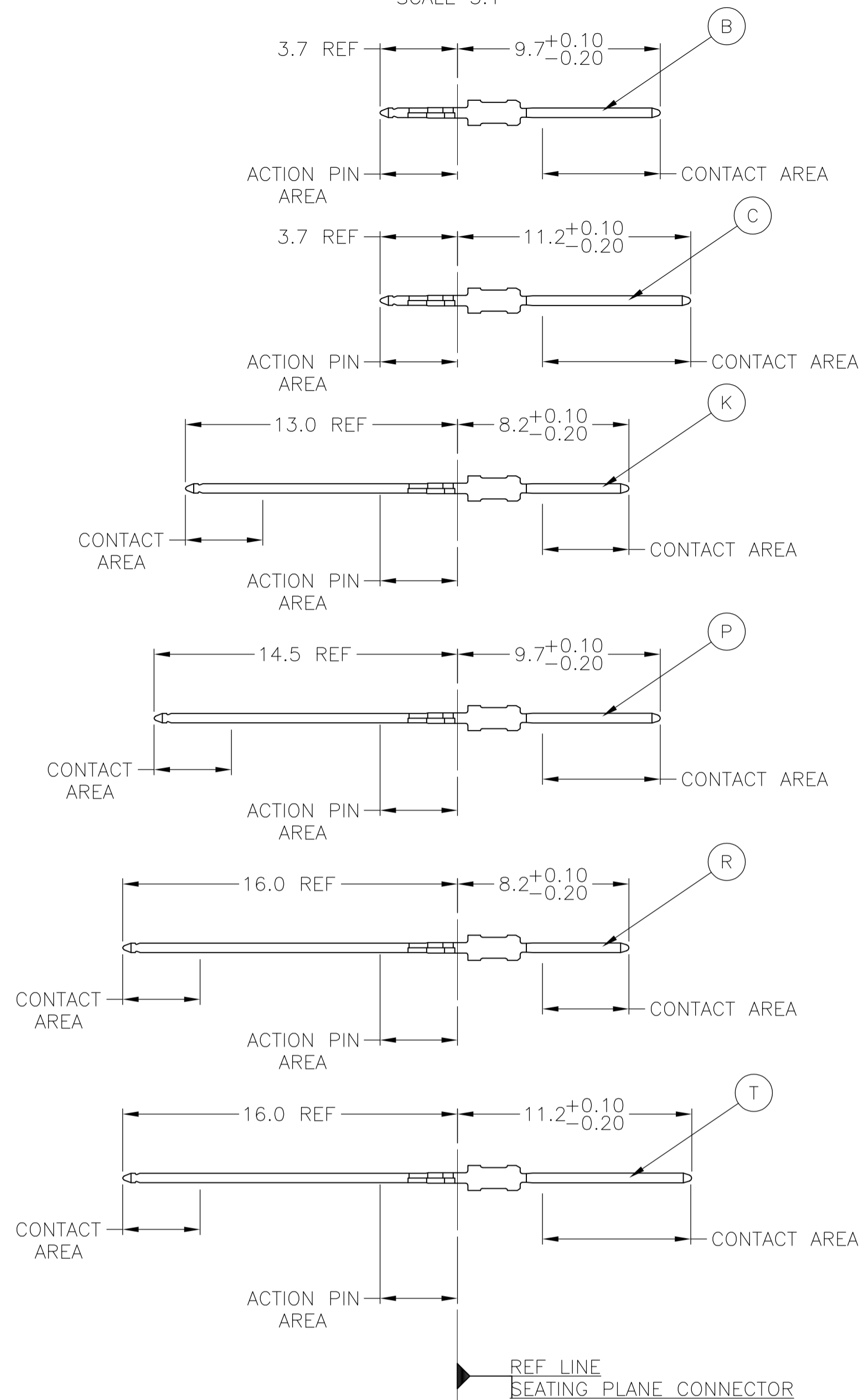


CONNECTOR ASSEMBLY EXAMPLARY LOADED 9

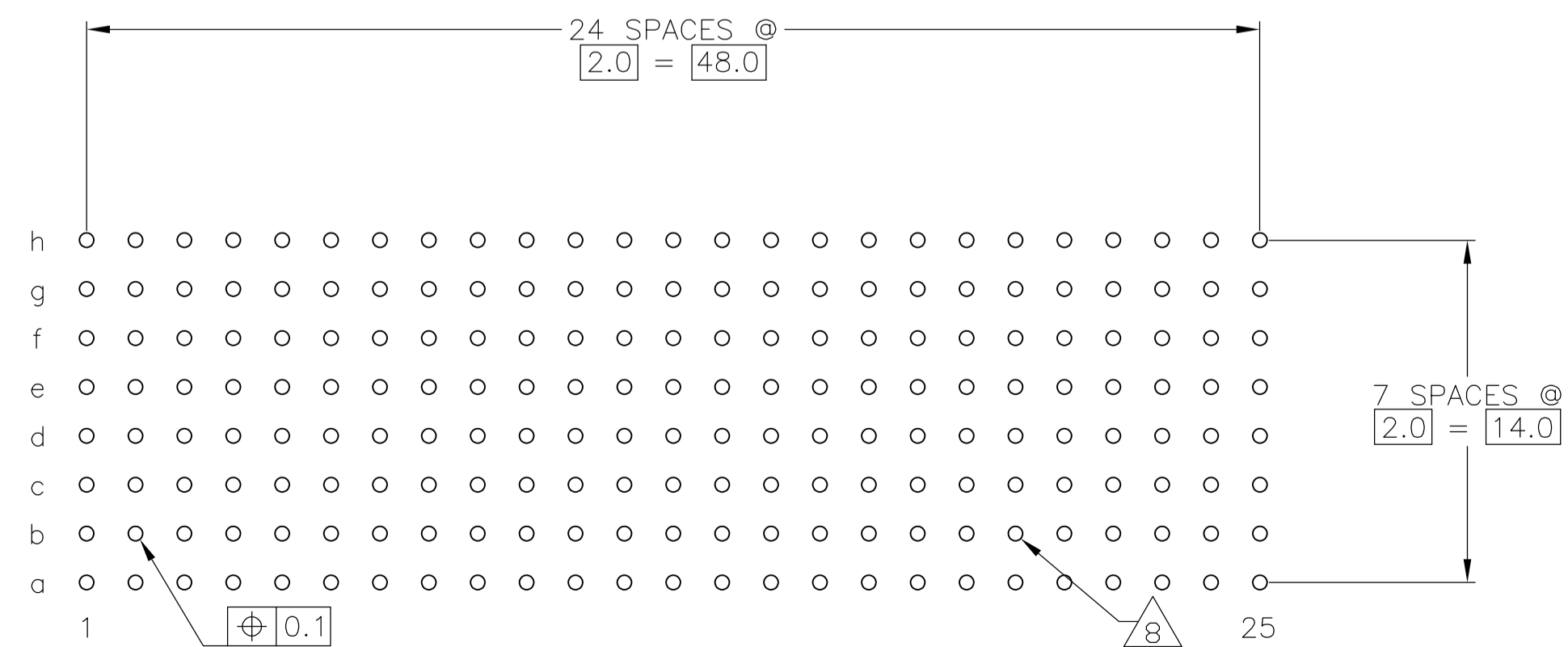


CONTACT DIMENSIONS

SCALE 5:1



RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

LOC	DIST	REVISIONS				
AD	00	REV	PER	DATE	BY	APPV
		D	REV PER EC 0512-0303-05	06APR06	BC	GS
		E	ECR-10-018652	10SEP10	JS	MQW
		F	ECR-12-009864	07NOV12	SY	AC

CONTACT LAYOUT

	z	a	b	c	d	e	f	g	h	i
1		K	P	P	P	P		C	B	
2		P	P	P	P	P		C	B	
3		T	P	P	P	P		C	B	
4		P	P	P	P	P		C	B	
5		P	P	P	P	P		C	B	
6		T	P	P	P	P		C	B	
7		P	P	P	P	P		C	B	
8		P	P	P	P	P		C	B	
9		T	P	K	R	P		C	B	
10		P	P		P			C	B	
11		T	P	T	P			C	B	
12		P	P	P	T	P		C	B	
13		P	P	P	P	K		C	B	
14		P	P	P	P	P		C	B	
15		P	P	P	P	P		C	B	
16		P	P	P	P	P		C	B	
17		R	P	P	P	P		C	B	
18		K	P	P	P	P		C	B	
19		P	P	P	P	P		C	B	
20		P	P	P	P	P		C	B	
21		P	P	P	P	K		C	B	
22		P	P	P	P	P		C	B	
23		P	P	P	P	P		C	B	
24		P	P	P	P	K		C	B	
25		P	P	T				C	B	

2	6	12	1-646561-9
2	5	12	646561-9
2	4	12	646561-4
2	3	12	646561-4
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	0-PLC ±	1-PLC ± 0.1	2-PLC ± 0.1	3-PLC ±	4-PLC ±	ANGLES ±
MATERIAL 1		FINISH SEE TABLE		WEIGHT		CUSTOMER DRAWING	

APPROVED: G. SKIPPER	DATE: 14JUL05	DESIGNED: S. WAITMAN	DATE: 14JUL05
APPLICATION SPEC: 108-1622		DRAWING NO: 114-19029	
SIZE: A1		SCALE: 4:1	

Tyco Electronics Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E

RESTRICTED TO: 00779C=646561

SHEET 1 OF 2 REV F

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION
COPYRIGHT BY TYCO ELECTRONICS CORPORATION. ALL RIGHTS RESERVED.

LOC		DIST		REVISIONS			
AD	00	REV	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	-	-	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 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN 14 JUL 05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER	NAME G. SKIPPER	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± .1 1-PLG ± .01 2-PLG ± .01 3-PLG ± .01 4-PLG ± .01 ANGLES ± .5°		PRODUCT SPEC 108-1622	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E	
MATERIAL SEE SHEET 1		APPLICATION SPEC 114-19029	SIZE A1	RESTRICTED TO -
FINISH SEE SHEET 1		WEIGHT -	CAGE CODE 00779	DRAWING NO 646561
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2	REV F