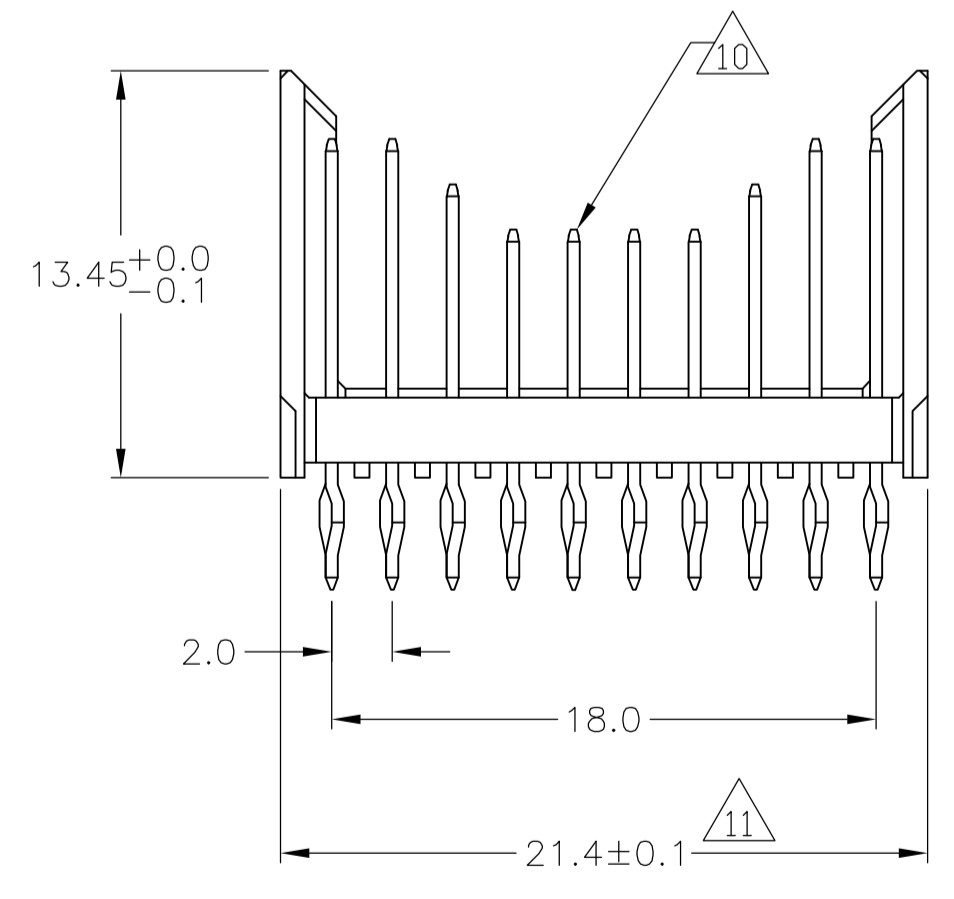
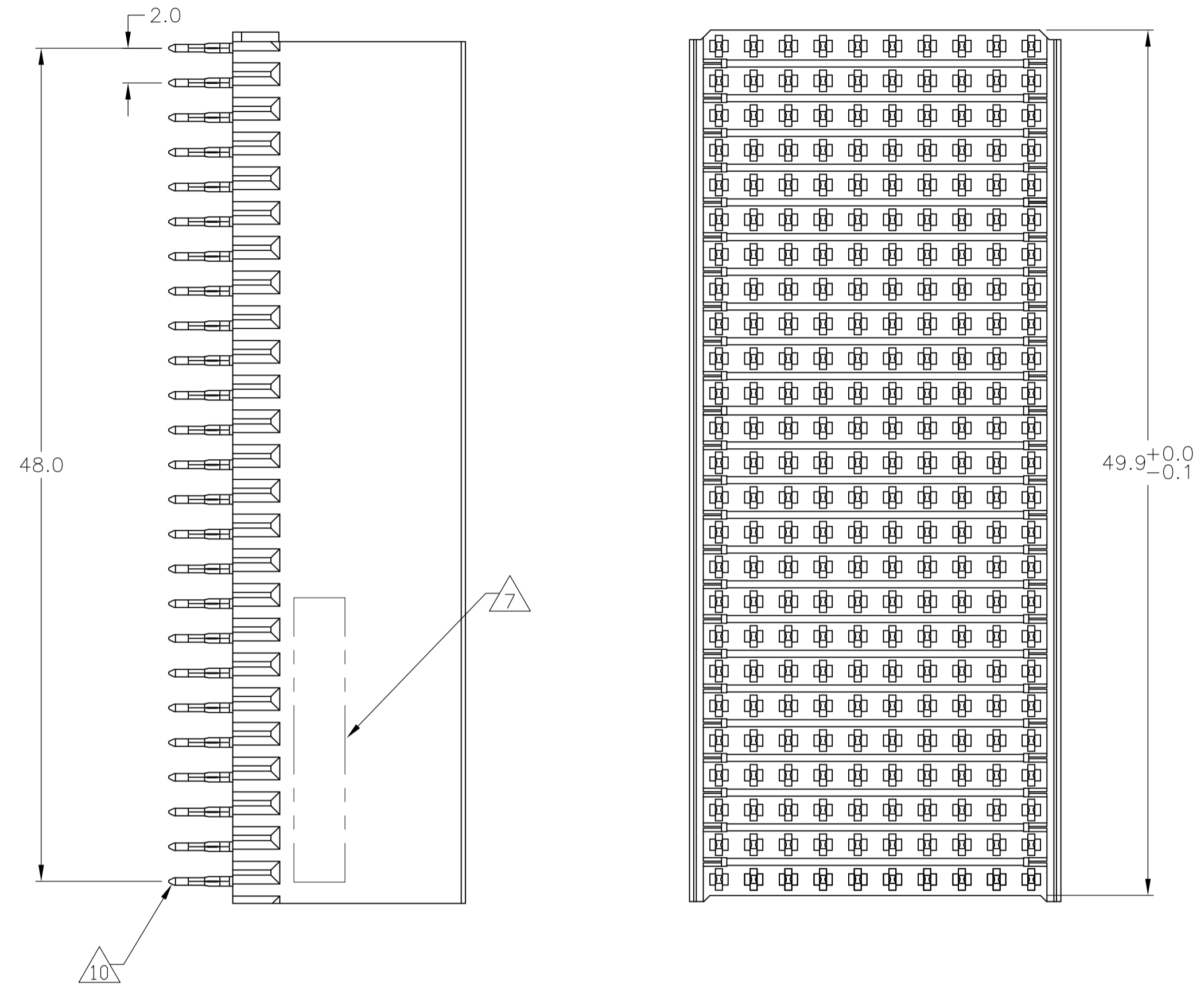
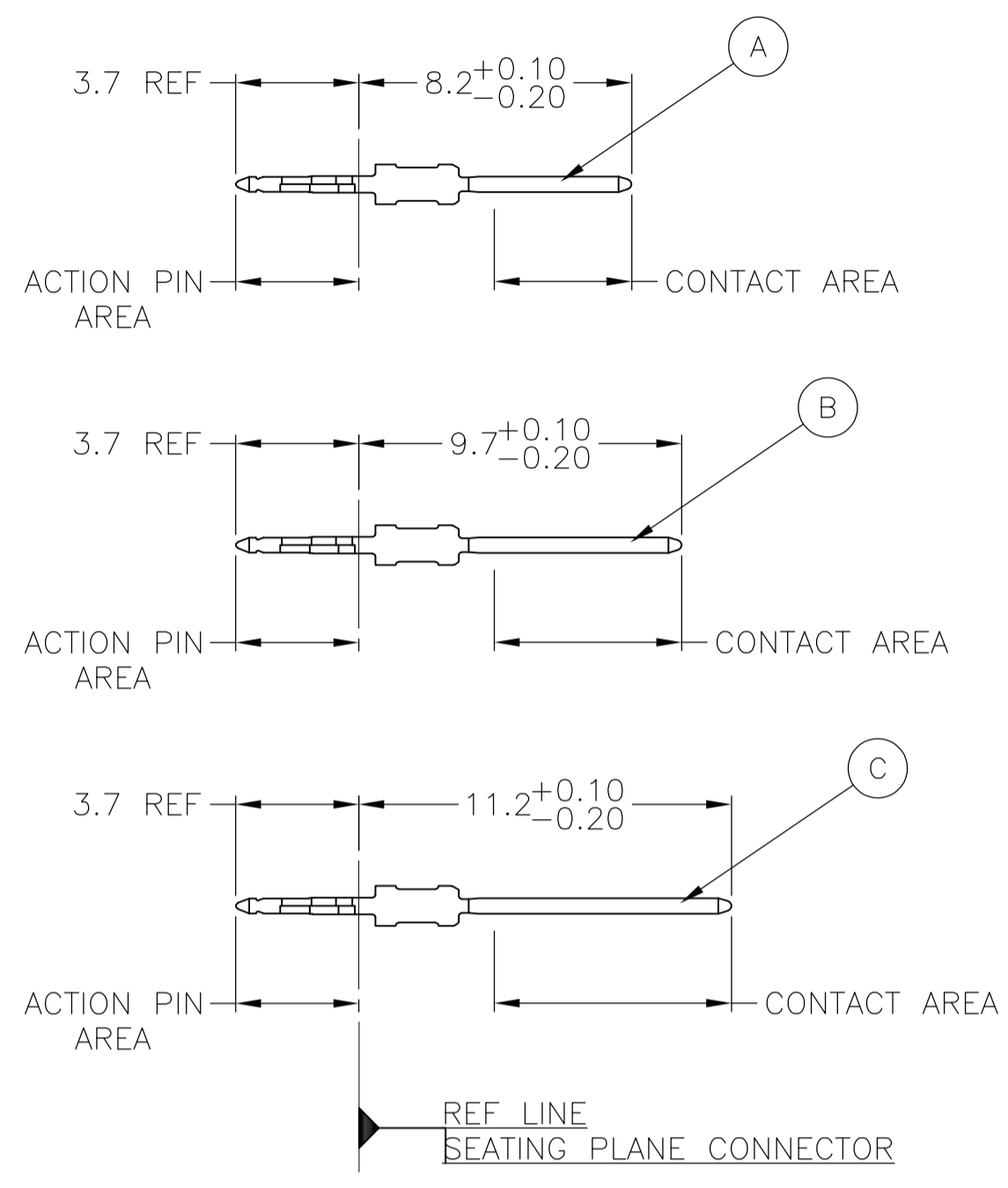


### CONNECTOR ASSEMBLY EXAMPLARY LOADED



### CONTACT DIMENSIONS

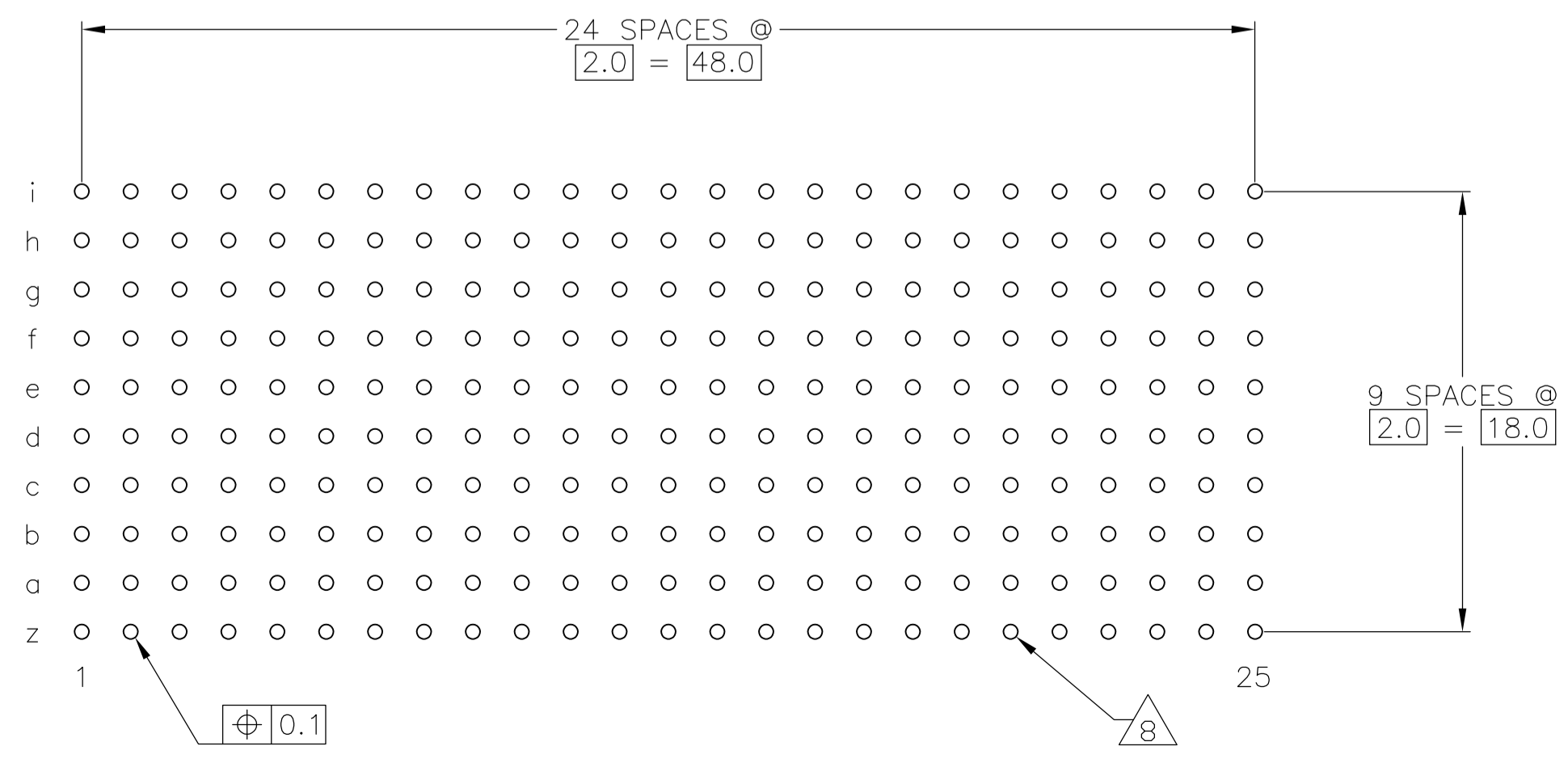


### CONTACT LAYOUT

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

### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN

### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION



13	2 6 12	1-646355-9
	2 5 12	646355-9
	2 4	646355-4
	2 3	-646355-1-
FINISH		PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. WAITMAN 19JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0 PLC ± -	1 PLC ± 0.1	CHK: G. SKIPPER 19JUL05	APVD: G. SKIPPER 19JUL05
2 PLC ± -	3 PLC ± -	NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E	
4 PLC ± -	ANGLES ± 1°	PRODUCT SPEC: 108-1622	
MATERIAL: 1	FINISH: SEE TABLE	APPLICATION SPEC: 114-19029	SIZE: A1
		WEIGHT: -	CAGE CODE: 00779
		DRAWING NO: 646355	
		RESTRICTED TO: -	
		CUSTOMER DRAWING	

SCALE: 4:1 SHEET: 1 OF 2 REV: C1

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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 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.
- 13 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.		DN S. WAITMAN 19JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER 19JUL05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G. SKIPPER 19JUL05	PRODUCT SPEC 108-1622	
0 PLC ± -		APPLICATION SPEC 114-19029		
1 PLC ± 0.1		SIZE A1		
2 PLC ± -		CAGE CODE 00779		
3 PLC ± -		DRAWING NO 646355		
4 PLC ± -		RESTRICTED TO -		
ANGLES ± 1°		WEIGHT -		
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	CUSTOMER DRAWING		
		SCALE 4:1		SHEET 2 OF 2
		REV C1		