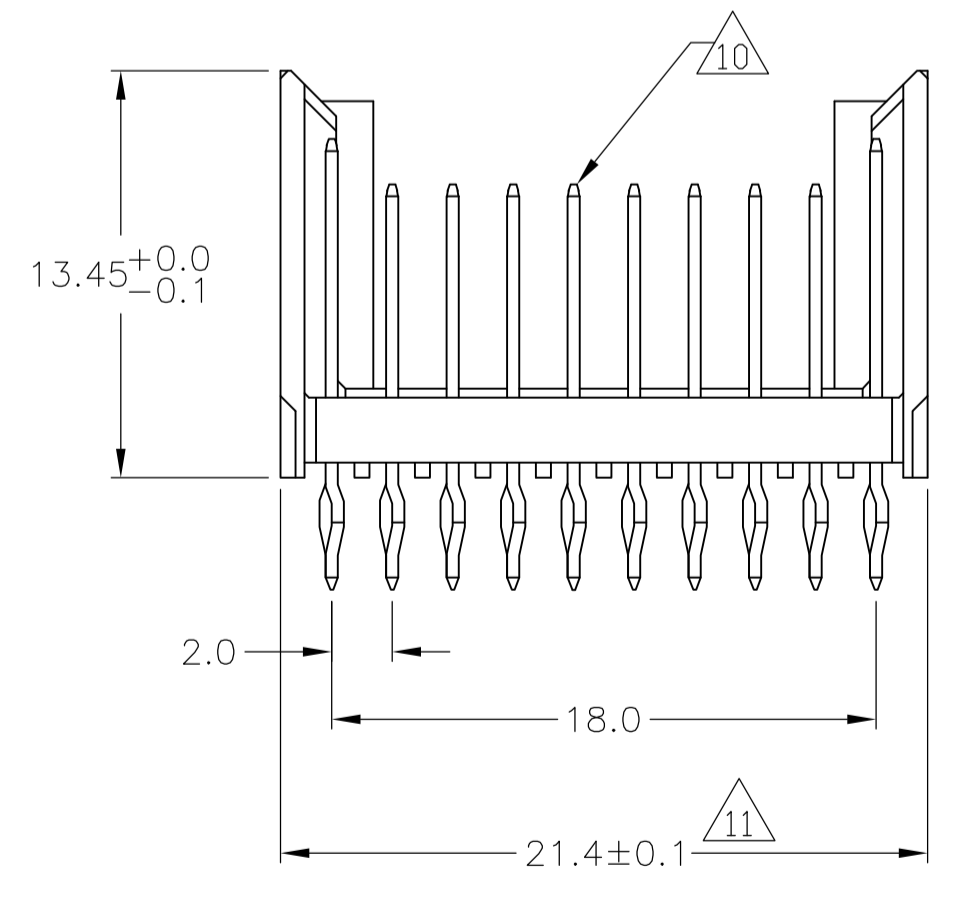
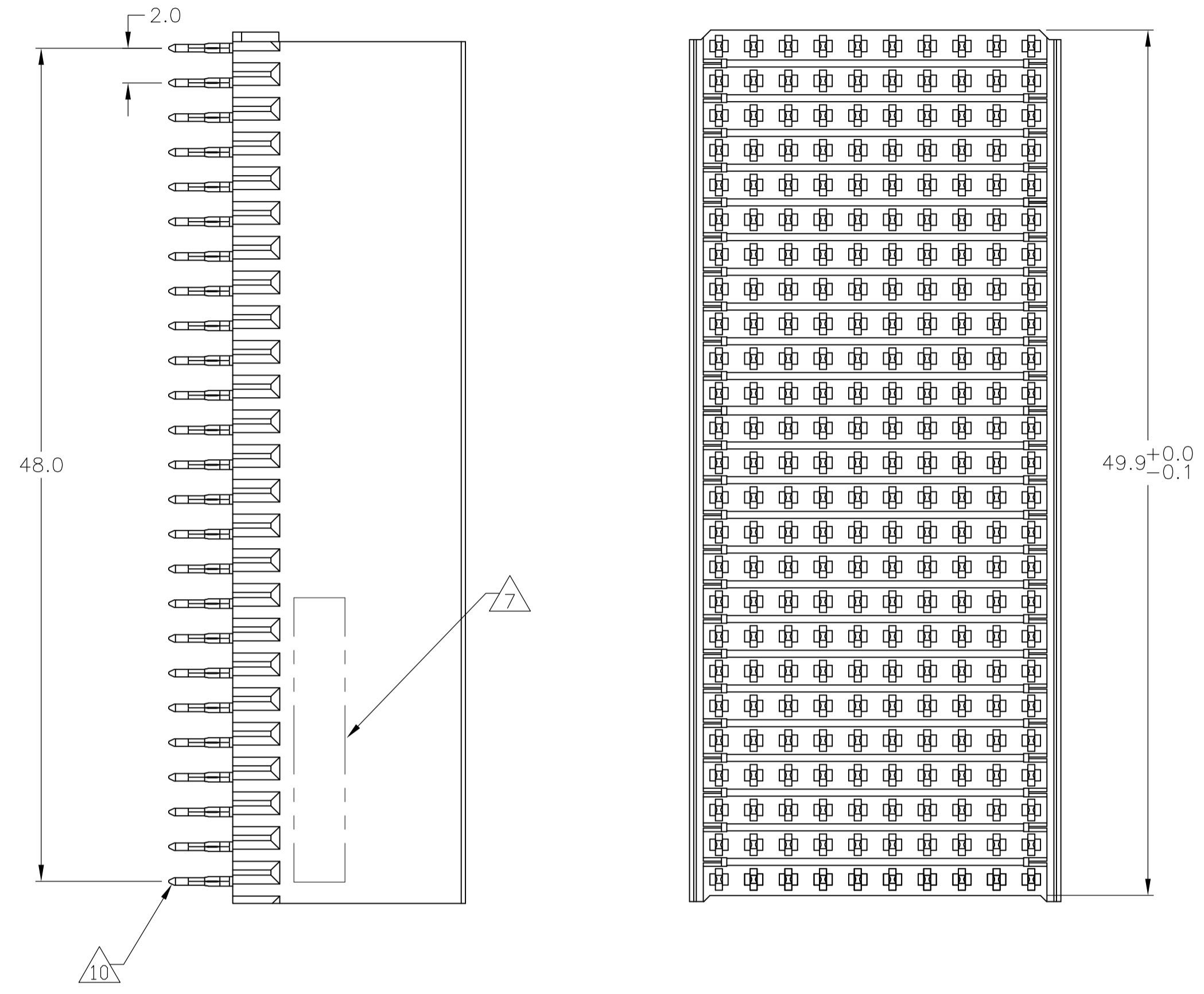
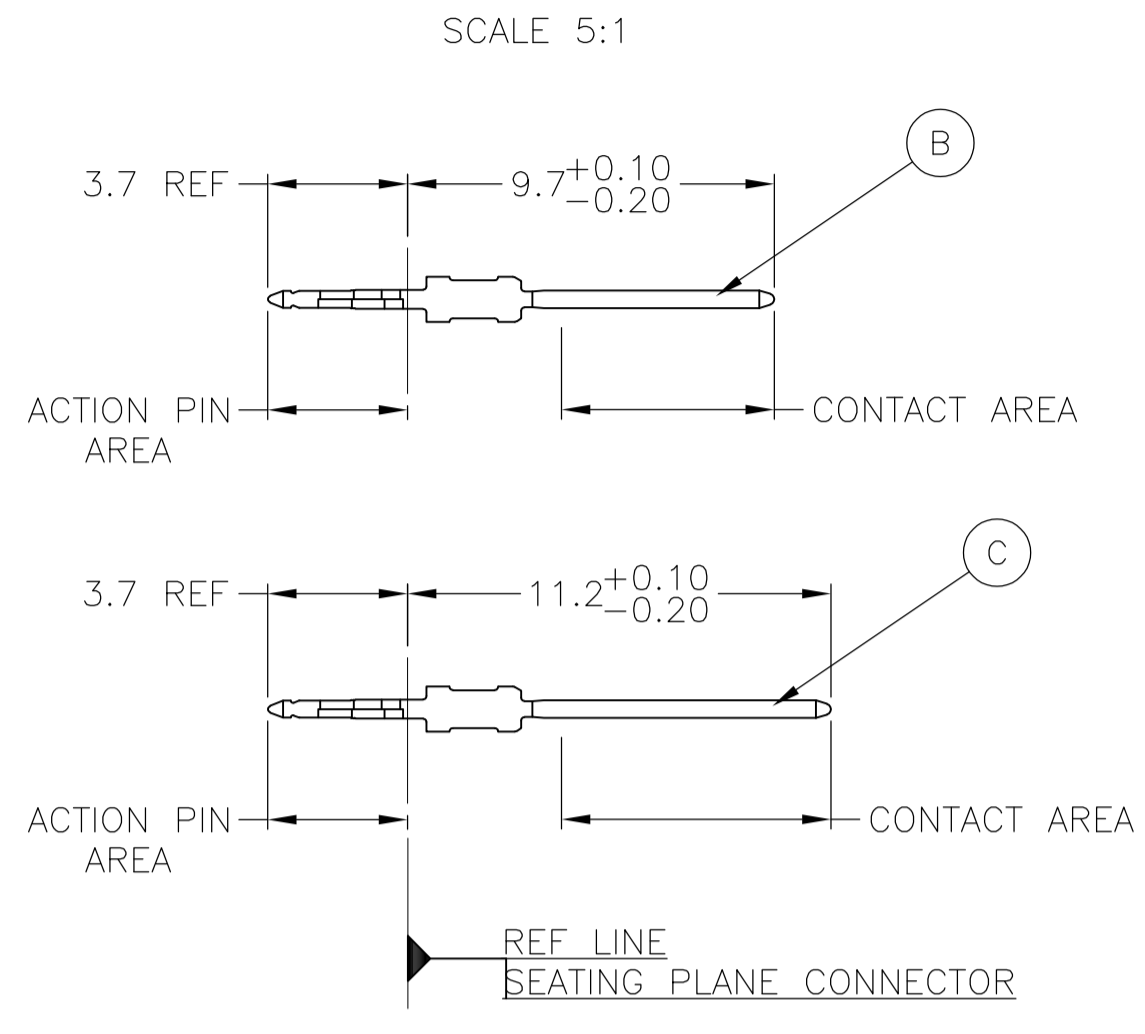


### CONNECTOR ASSEMBLY EXAMPLARY LOADED



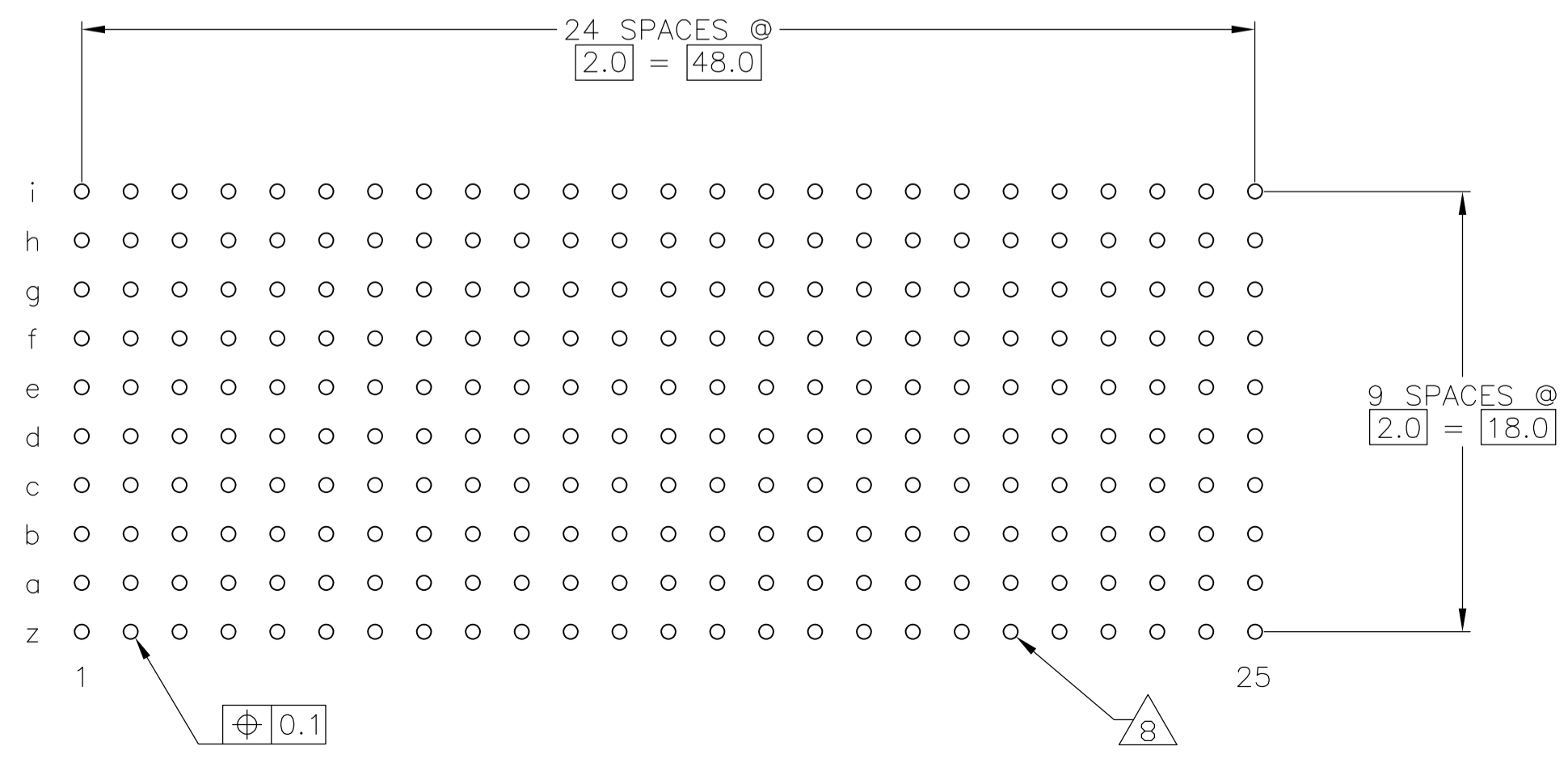
### CONTACT DIMENSIONS



### CONTACT LAYOUT

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

### RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN



### PLATED THRU HOLES PARAMETERS REFERENCE APPLICATION SPECIFICATION


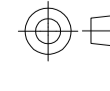
	2 6 12	1-646405-9
OBSELETE	2 5 12	646405-9
	2 4	646405-4
OBSELETE	2 3	646405-1
	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	DIN S. WAITMAN 13JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608
0-PLC ±	1-PLC ±0.1	CHK: G. SKIPPER 13JUL05	APVD: G. SKIPPER 13JUL05
2-PLC ±	3-PLC ±0.2	NAME: G. SKIPPER	PRODUCT SPEC: 108-1622
4-PLC ±	ANGLES ±	APPLICATION SPEC: 114-19029	SIZE: A1
MATERIAL: 1	FINISH: SEE TABLE	WEIGHT: -	CAGE CODE: 00779
			DRAWING NO: 646405
			RESTRICTED TO: -
			CUSTOMER DRAWING

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

- 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 13JUL05 CHK G. SKIPPER 13JUL05 APPV G. SKIPPER 13JUL05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ±0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±1°	PRODUCT SPEC 108-1622 APPLICATION SPEC 114-19029	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE E
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	SIZE A1 CAGE CODE 00779 DRAWING NO 646405 RESTRICTED TO -
CUSTOMER DRAWING		SCALE 4:1	SHEET 2 OF 2 REV H