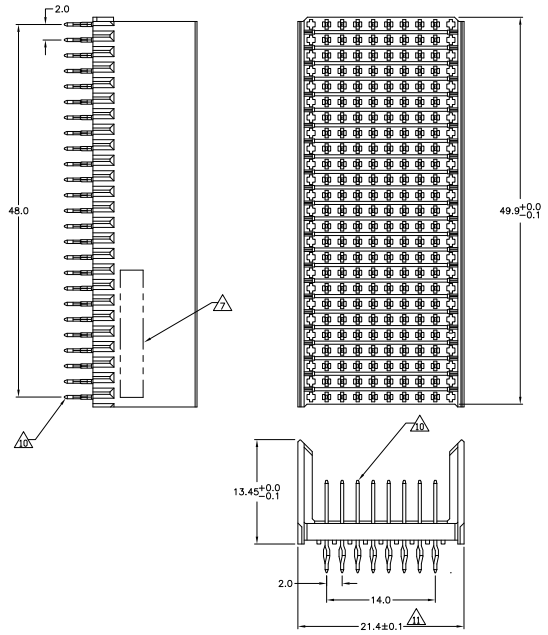


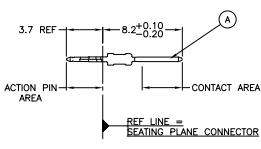
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REV	DATE	DESCRIPTION	BY	CHK
00				
C1		REV PER ECR-10-000682	18JAN2010	JY SY
D		ECR-10-018652	10SEP10	JS MW

**CONNECTOR ASSEMBLY  
EXAMPLARY LOADED**



**CONTACT DIMENSIONS**  
SCALE 5:1

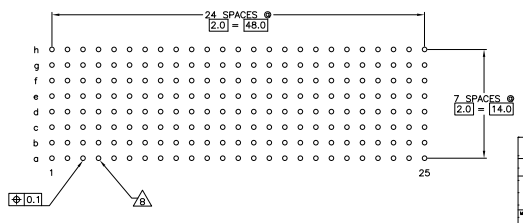


**CONTACT LAYOUT**

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

**RECOMMENDED PCB-HOLE LAYOUT  
COMPONENT SIDE SHOWN**

**PLATED THRU HOLES PARAMETERS**  
REFERENCE APPLICATION SPECIFICATION



	3-646347-0
	1-646347-9
	646347-9
	646347-4
	646347-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DESIGNED BY	DATE	REVISION	BY	DATE
APPROVED BY				

Customer Drawing: A100779, Part: 646347, Title: MALE ASSEMBLY, Z-PACK 2mm HM TYPE E

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REVISE		REVISIONS		
NO.	DATE	BY	DESCRIPTION	DATE
AD	00		SEE SHEET 1	

- ⚠ MATERIAL:  
CONTACT: PHOSPHOR BRONZE.  
HOUSING: GLASS-FILLED POLYESTER.
- ⚠ 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.
- ⚠ CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 2.
- ⚠ CONFORMS TO ALL TESTING ACCORDING TO IEC 61076-4-101  
PERFORMANCE LEVEL 1.
- ⚠ CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
CENTRAL OFFICE APPLICATIONS.
- ⚠ CONNECTOR TESTED AND QUALIFIED AGAINST TELCORDIA GR-1217-CORE QUALITY LEVEL 3,  
UNCONTROLLED ENVIRONMENT APPLICATIONS.
- ⚠ 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.
- ⚠ PLATED-THROUGH HOLES AT 2x2mm SQUARE GRID  
PATTERN DEFINED BY CONTACT LAYOUT.
- ⚠ FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".
- ⚠ FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".
- ⚠ TO BE MEASURED AT BOTTOM OF SHROUD.
- ⚠ CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,  
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- ⚠ 0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DR. CARBO	DESIGN	Tyco Electronics Corporation Harrisburg, PA 17105-3008	
DESIGNER	INTEGRATION ENGINEER	DR. SKIPPER	DESIGN	MALE ASSEMBLY, Z-PACK 2mm HM TYPE E	
DATE	REVISED	DR. SKIPPER	DESIGN	T001 006 000 00000 00	
SEE SHEET 1	SEE SHEET 1	DR. SKIPPER	DESIGN	A100779G-B46347	
		CUSTOMER DRAWING		PAGE 4.1 OF 2	