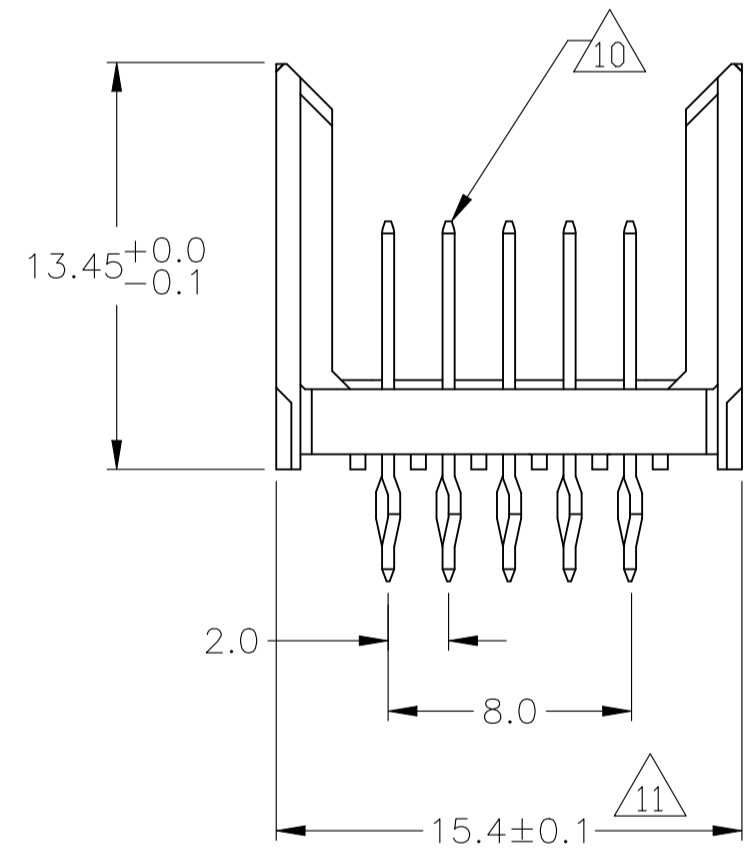
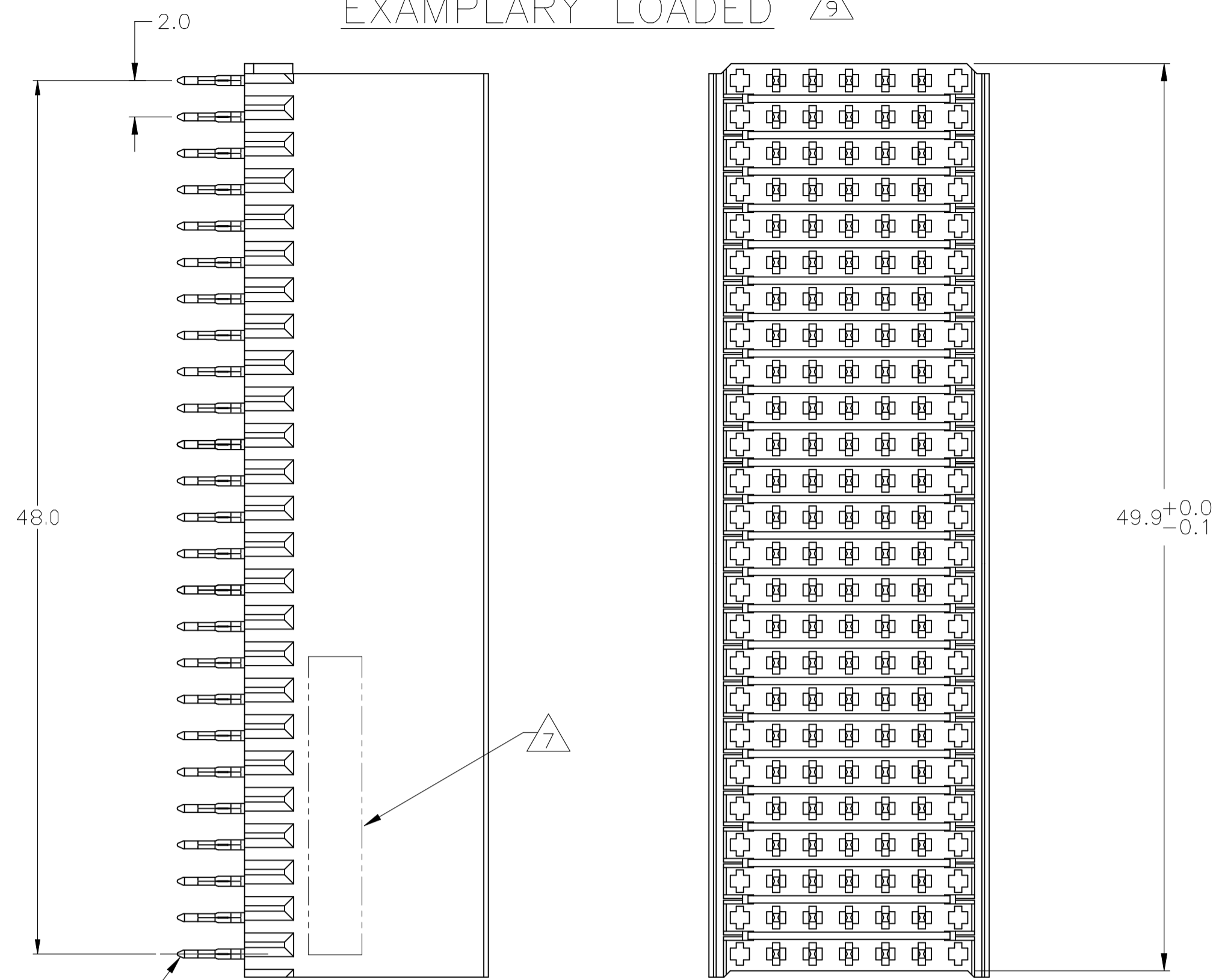
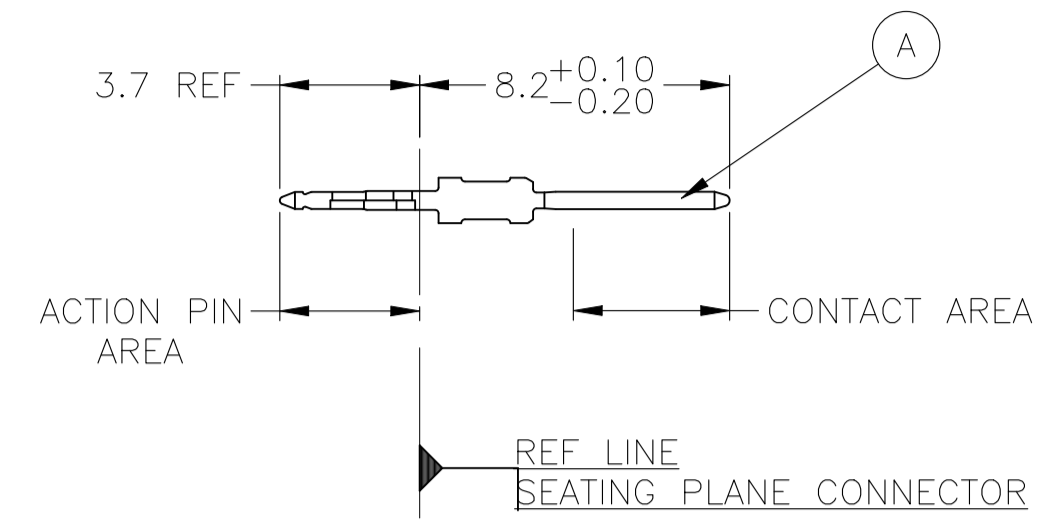


CONNECTOR ASSEMBLY
EXAMPLARY LOADED



CONTACT DIMENSIONS

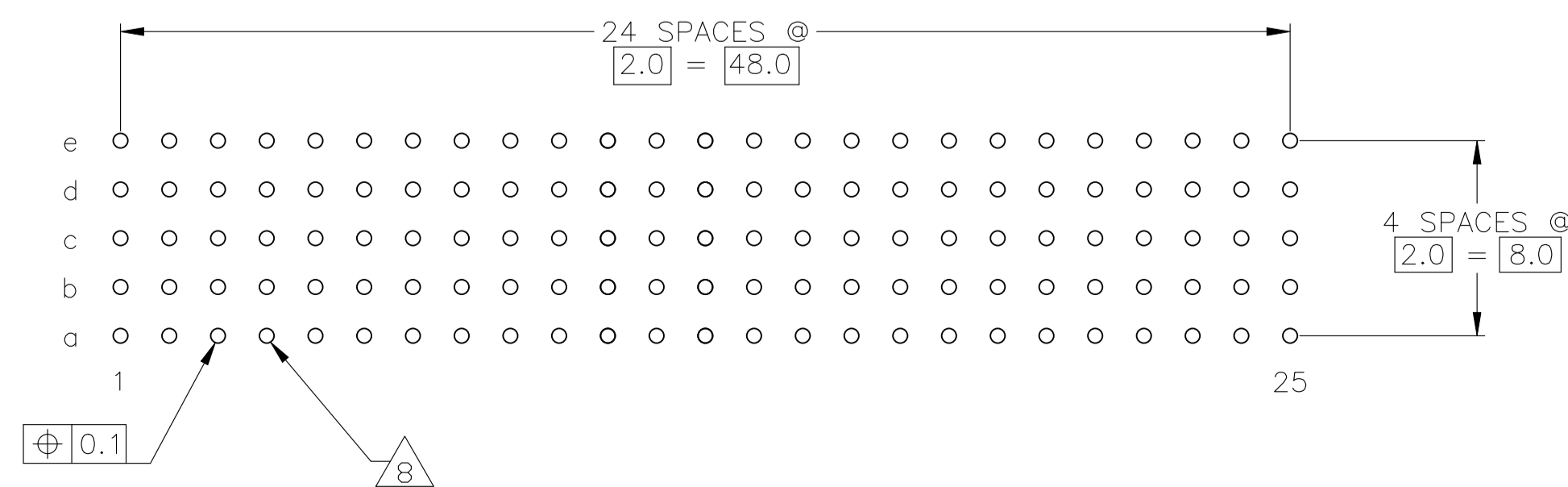
SCALE 5:1



CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

REV	DESCRIPTION	DATE	DRN	APVD
C2	ALTERNATE PLATING ADDED PER PCN-25-253811	24JUL2025	PSK	S.A


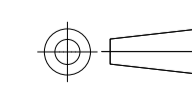
REV	DESCRIPTION	DATE	DRN	APVD
2	3	14		
2	6	12		
2	5	12		
2	4			
2	3			

FINISH	PART NUMBER
	3-5100141-0
	1-5100141-9
	5100141-9
	5100141-4
	5100141-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN B CARBO 24JAN05	TE Connectivity Ltd.	
DIMENSIONS: mm		GIK 24JAN05	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G SKIPPER 24JAN05	RESTRICTED TO	
0-PLC	±	NAME	108-19082	
1-PLC	±0.1	APPLICATION SPEC	114-19029	
2-PLC	±	SIZE	A1	00779
3-PLC	±	WEIGHT	5100141	
4-PLC	±	CUSTOMER DRAWING	SCALE 4:1 SHEET 1 of 2 REV C2	
ANGLES	±			

REVISIONS				
REV	DATE	DESCRIPTION	BY	APP'D
-	-	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 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
- 14 0.76µm MIN. GOLD PLATING OR 0.08um MIN GOLD OVER 0.68um MIN PdNi PLATING AT MATING SURFACES. **C2**

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN E CARBO 24JAN05	 TE Connectivity Ltd.		
		GSK G SKIPPER 24JAN05			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ±0.1 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±	REV G SKIPPER 24JAN05	NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE B
		±0.2	PRODUCT SPEC 108-19082	APPLICATION SPEC 114-19029	SIZE A1
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT -	CAGE CODE 00779	DRAWING NO 5100141	RESTRICTED TO -
CUSTOMER DRAWING			SCALE 4:1	SHEET 2 of 2	REV C2