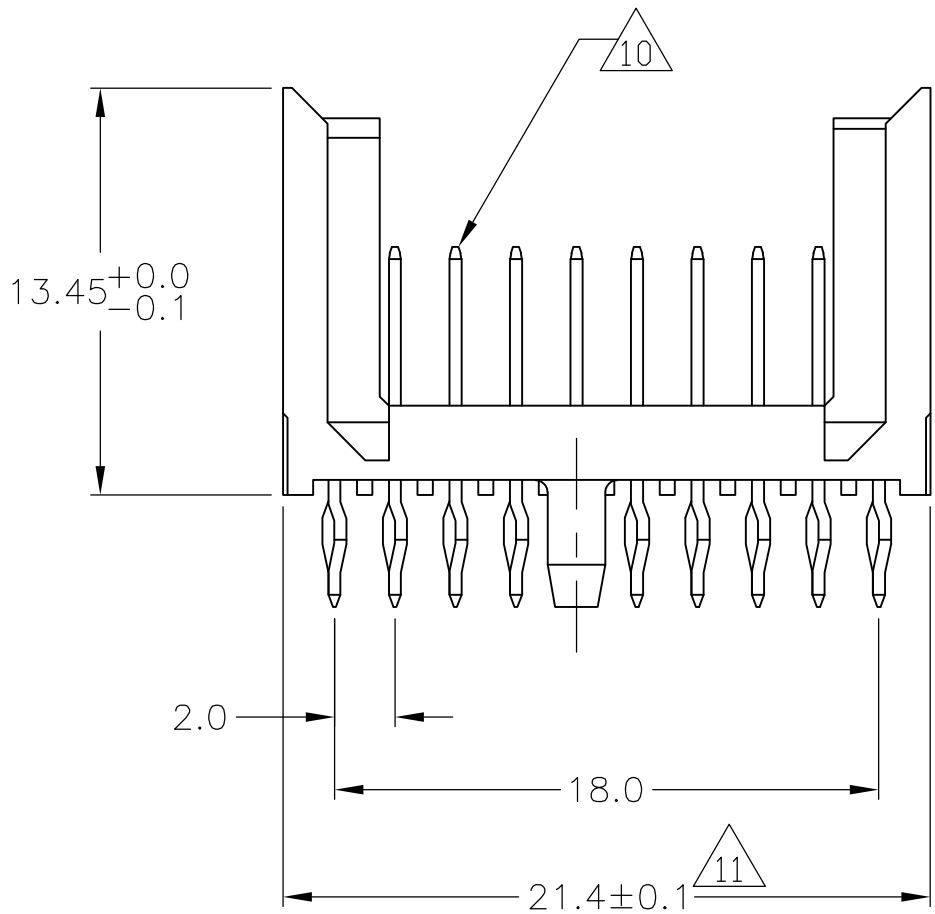
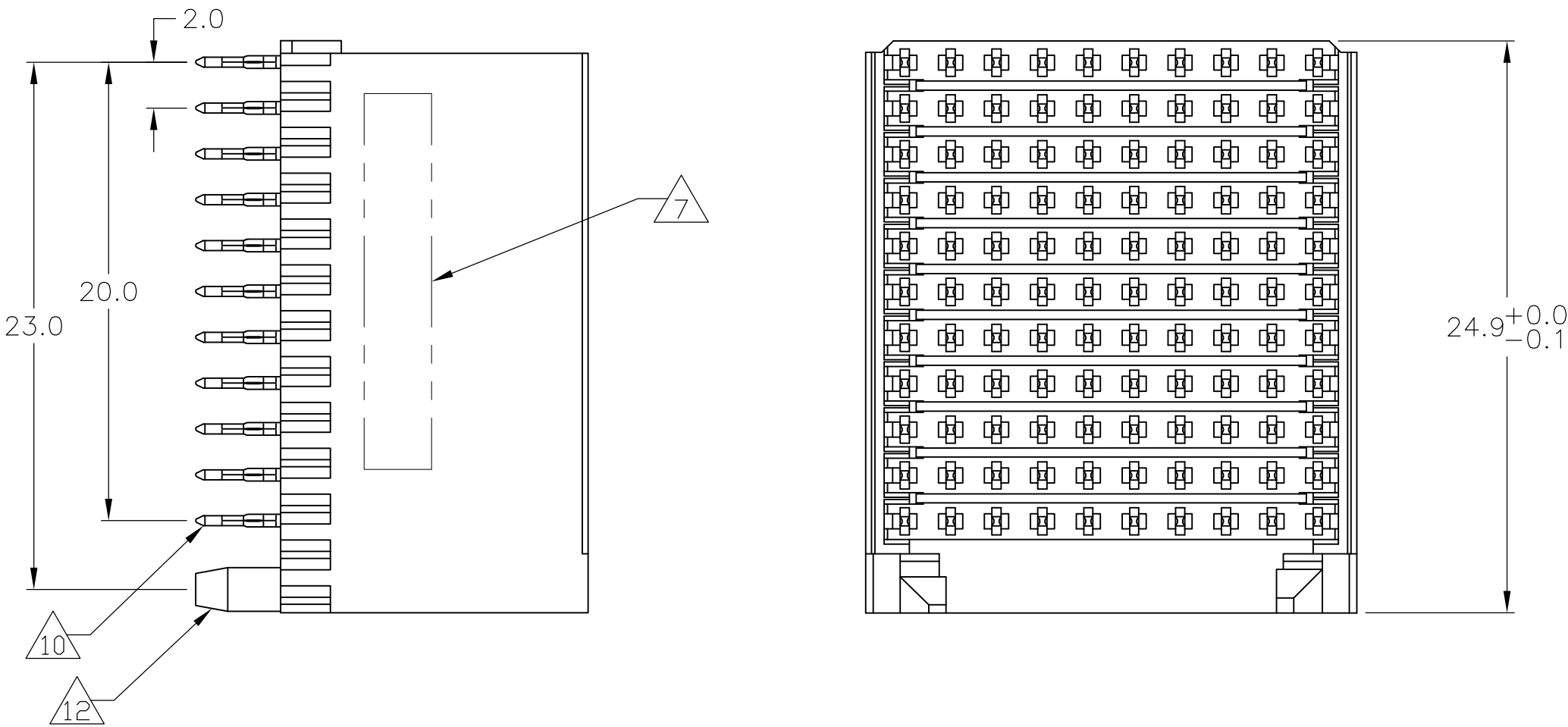


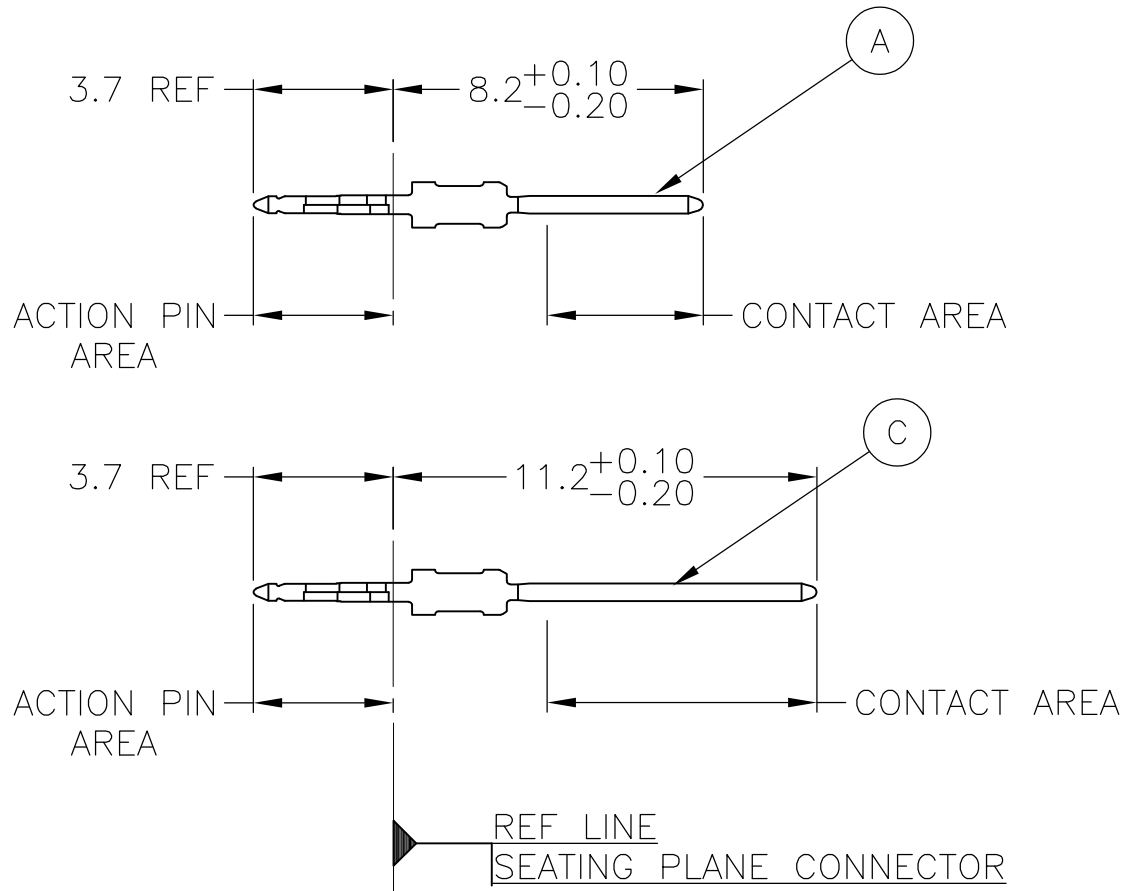
LOC	DIST	REVISIONS				
AD	00	REV	LTR	DESCRIPTION	DATE	DWN APVD
		D1	REV	PER ECR-09-025815	25NOV09	JY SY

CONNECTOR ASSEMBLY
EXAMPLARY LOADED



CONTACT DIMENSIONS

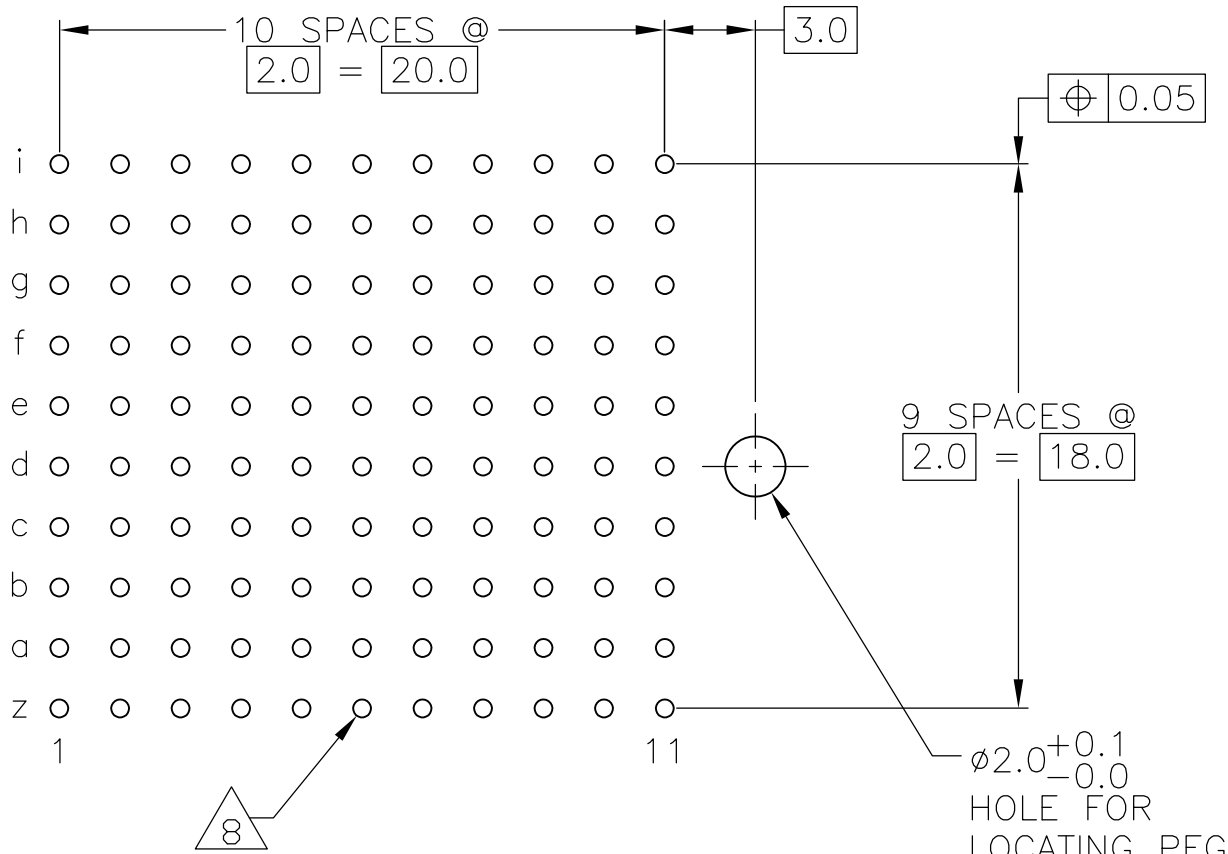
SCALE 5:1



CONTACT LAYOUT

	z	a	b	c	d	e	f	g	h	i
1	C	A	A	A	A	A	A	A	A	C
2	C	A	A	A	A	A	A	A	A	C
3	C	A	A	A	A	A	A	A	A	C
4	C	A	A	A	A	A	A	A	A	C
5	C	A	A	A	A	A	A	A	A	C
6	C	A	A	A	A	A	A	A	A	C
7	C	A	A	A	A	A	A	A	A	C
8	C	A	A	A	A	A	A	A	A	C
9	C	A	A	A	A	A	A	A	A	C
10	C	A	A	A	A	A	A	A	A	C
11	C	A	A	A	A	A	A	A	A	C
GUIDING										

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

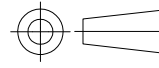
REFERENCE APPLICATION SPECIFICATION

2	3	14	3-646513-0
2	6	13	1-646513-9
2	5	13	646513-9
2	4		646513-4
2	3		646513-1
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN 14JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER 14JUL05	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0. PLC ± - 1. PLC ± 0.2 2. PLC ± 0.02 3. PLC ± 0.005 4. PLC ± - ± 0.30° ANGLES		APVD G. SKIPPER 14JUL05	PRODUCT SPEC 108-19082	
MATERIAL		114-19029	APPLICATION SPEC	
SEE TABLE		114-19029	RESTRICTED TO	
CUSTOMER DRAWING		SCALE 4:1	SHEET 1 OF 2	

LOC	DIST	REVISIONS				
AD	00	F	LTR	DESCRIPTION	DATE	DWN
		—	—	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 LOCATION PEG.
- 13 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 14 0.76µm MIN GOLD PALTING MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN CHK G. SKIPPER	14JUL05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APRD G. SKIPPER	NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F		
	0 PLC ± -	PRODUCT SPEC	SIZE CAGE CODE DRAWING NO			
	1 PLC ± 0.2	108-19082	RESTRICTED TO			
	2 PLC ± 0.02	APPLICATION SPEC	A1 00779 646513			
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	WEIGHT —	CUSTOMER DRAWING		SCALE 4:1 SHEET 2 OF 2 REV D1	