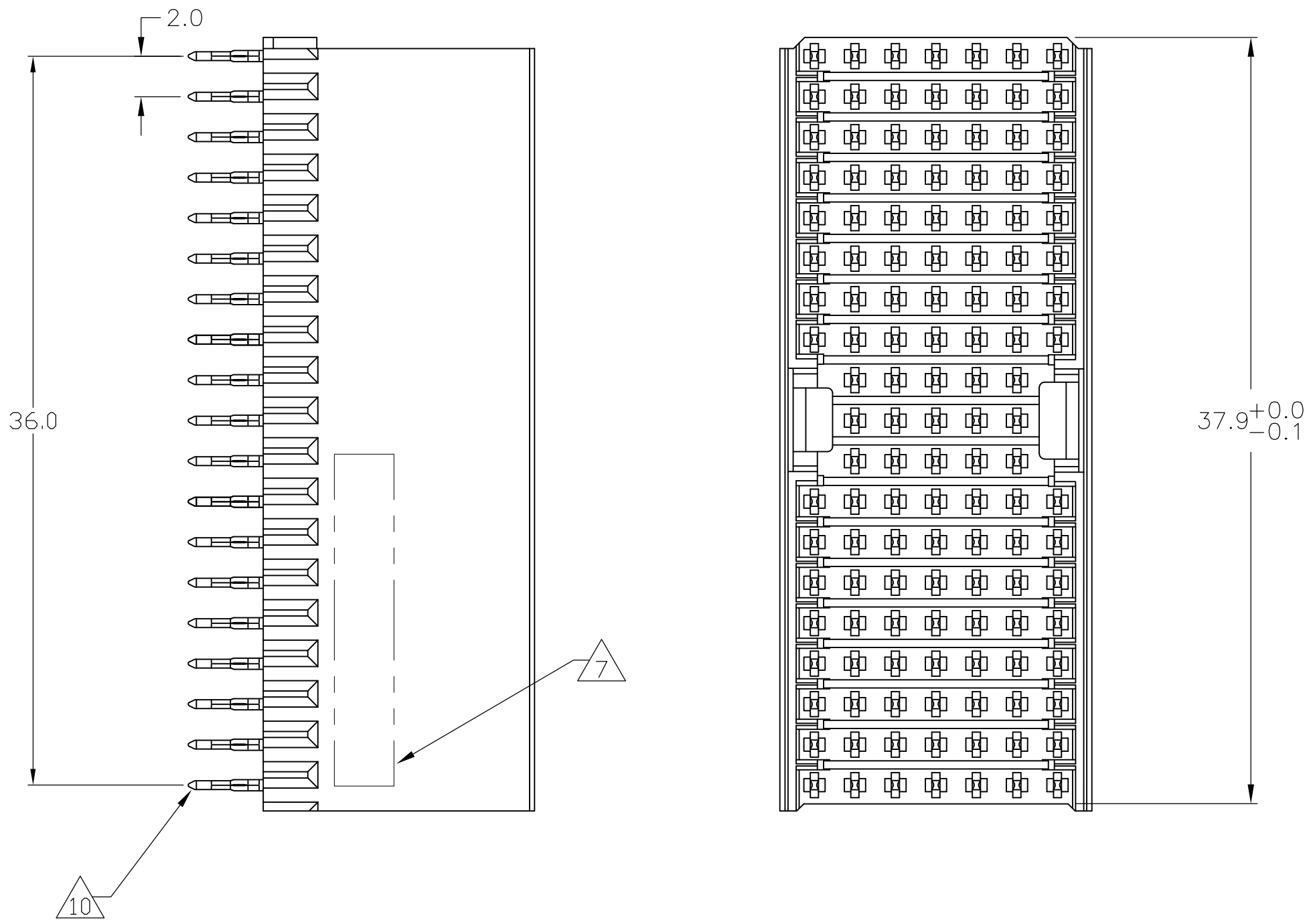


LOC	DIST	REVISIONS				
AD	00	P	LTR	DESCRIPTION	DATE	DWN
		O	REV	PER EC 0S12-0318-04	07SEP05	BC
		A	ECR-10-019054		15SEP10	DP

APVD	GS	MQW
------	----	-----

D

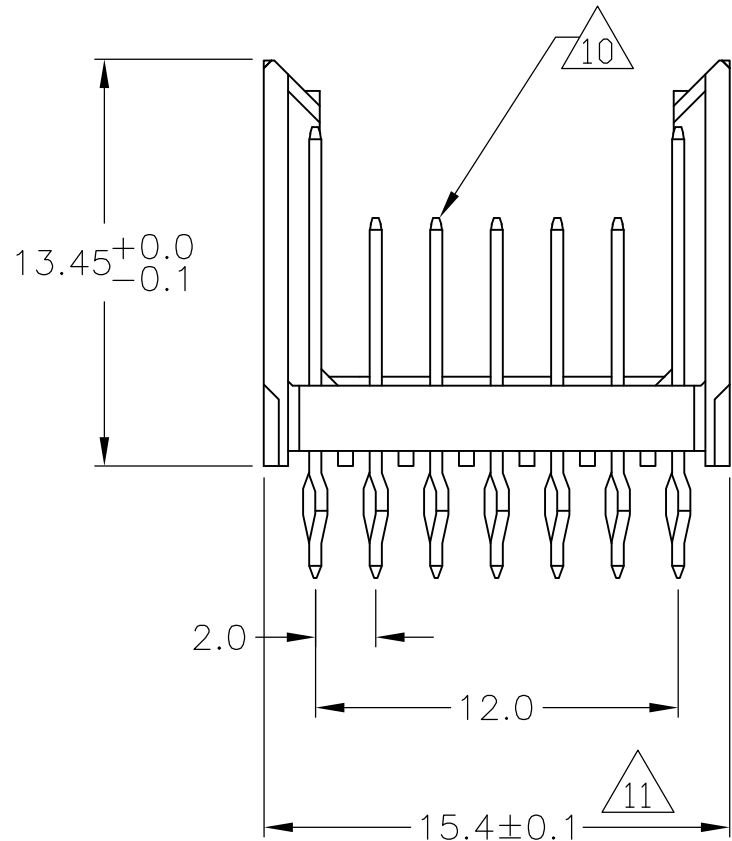
CONNECTOR ASSEMBLY
EXAMPLARY LOADED



C

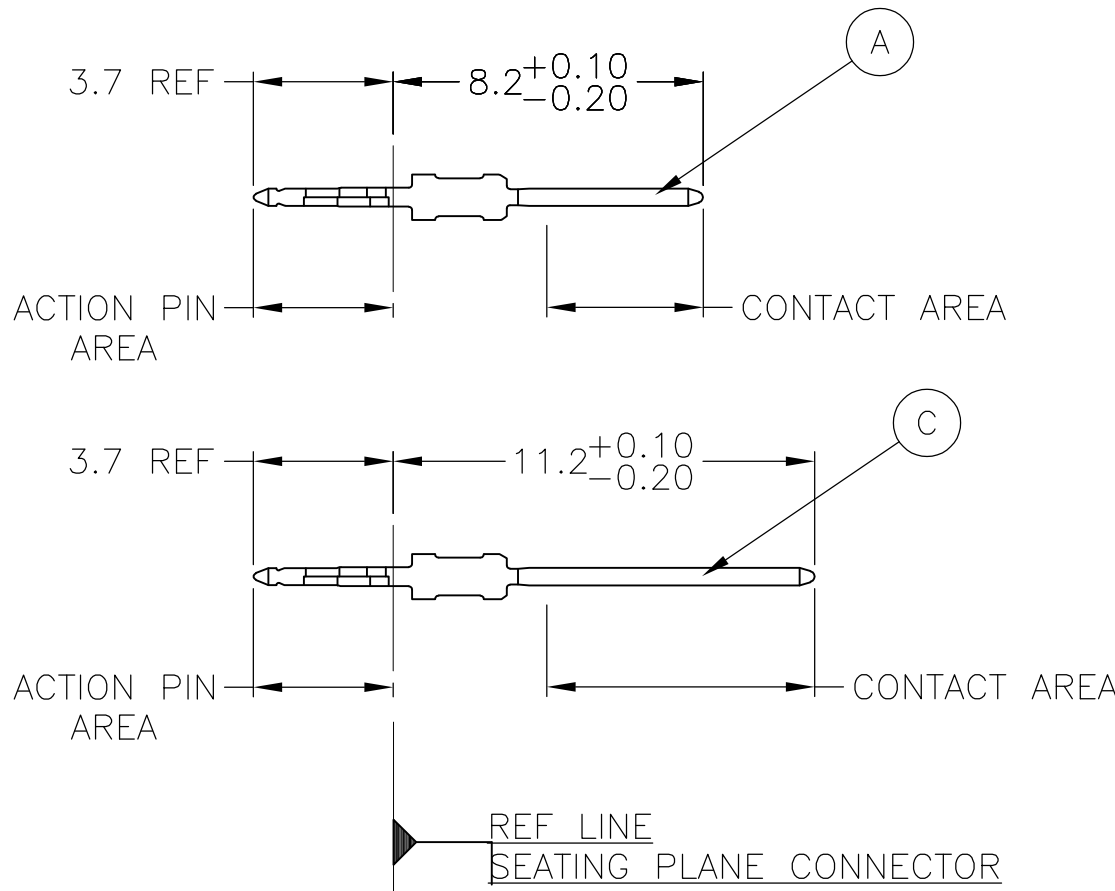
B

A



CONTACT DIMENSIONS

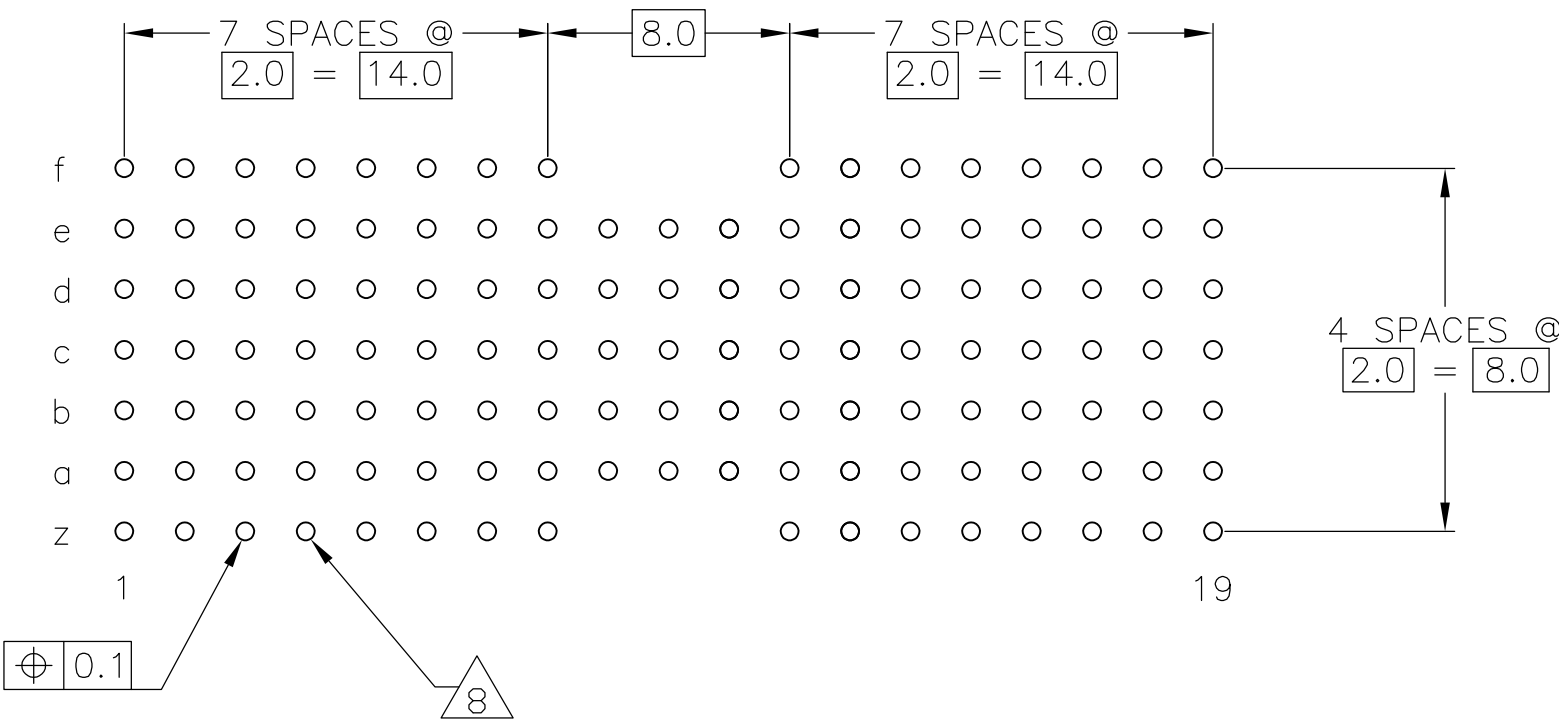
SCALE 5:1



CONTACT LAYOUT

	z	a	b	c	d	e	f
1	C	A	A	A	A	A	C
2	C	A	A	A	A	A	C
3	C	A	A	A	A	A	C
4	C	A	A	A	A	A	C
5	C	A	A	A	A	A	C
6	C	A	A	A	A	A	C
7	C	A	A	A	A	A	C
8	C	A	A	A	A	A	C
9		A	A	A	A		
10		A	A	A	A		
11		A	A	A	A		
12	C	A	A	A	A	A	C
13	C	A	A	A	A	A	C
14	C	A	A	A	A	A	C
15	C	A	A	A	A	A	C
16	C	A	A	A	A	A	C
17	C	A	A	A	A	A	C
18	C	A	A	A	A	A	C
19	C	A	A	A	A	A	C

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2 6 12	1-5646530-9
2 5 12	5646530-9
2 4	5646530-4
2 3	5646530-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B CARBO 07SEP05	 Tyco Electronics Corporation Harriaburg, Pa 17105-3608	
		CHK: G SKIPPER 07SEP05		
DIMENSIONS: mm		APVD: G SKIPPER 07SEP05	NAME	
		PRODUCT SPEC		
		108-19082		
		APPLICATION SPEC		
		114-19029		
		FINISH		
MATERIAL		WEIGHT	SIZE	CAGE CODE
		-	A1	00779
SEE TABLE		RESTRICTED TO	DRAWING NO	
		-	C=5646530	
CUSTOMER DRAWING		SCALE	SHEET	
		4:1	1 OF 2	
			REV	
			A	

87654321

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOCAD

DIST00

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

± 0.2

± 0.2

± 0.2

± 0.2

± 0.2

DWN
B CARBO
CHK
G SKIPPER
APVD
G SKIPPER

07SEP05
07SEP05
07SEP05

108-19082

114-19029

PRODUCT SPEC
APPLICATION SPEC

SIZE
A1

CAGE CODE
00779

DRAWING NO
5646530

RESTRICTED TO
—

CUSTOMER DRAWING

SCALE
4:1

SHEET
2

OF
2

REV
A

AMP 4805 REV 31MAR2000

06JUL05 9:18am us040973

H:\2mm_HM_templates_for_lead_free\LEAD FREE AB FEED TO 19 COLUMN 5+2-c.dwg

D

C

B

A

D

C

B

A