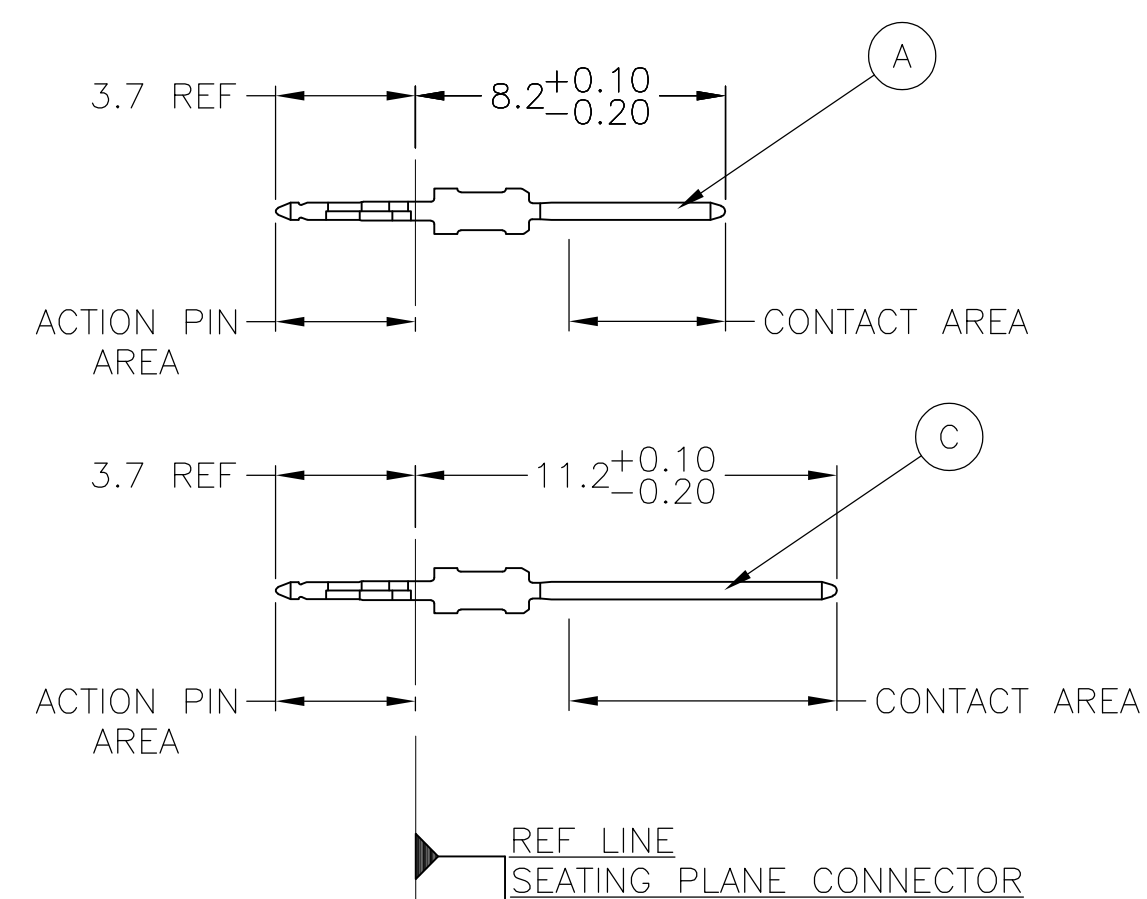


9



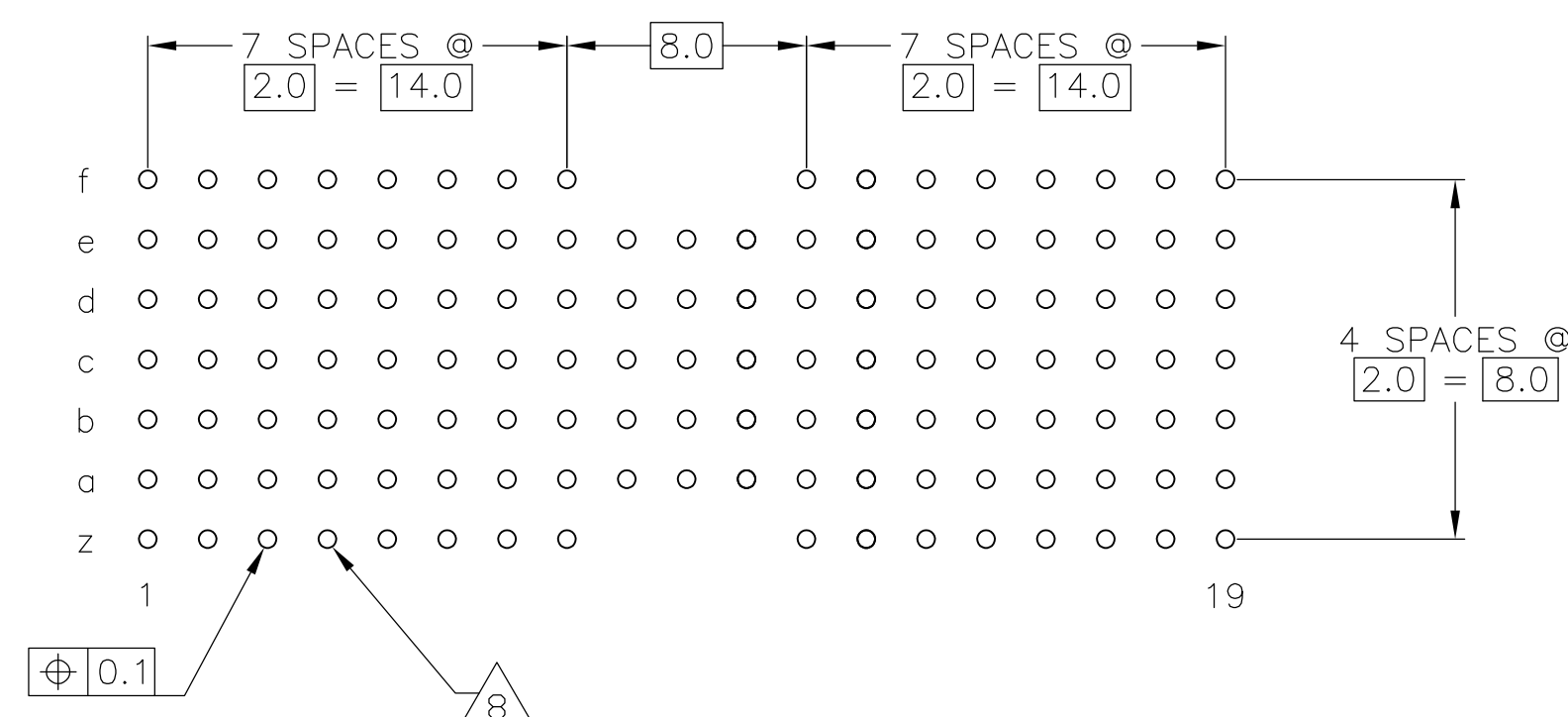
SCALE 5:1

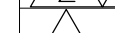
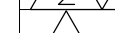


z a b c d e f

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	A	
10		A	A	A	A	A	
11		A	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

REFERENCE APPLICATION SPECIFICATION



		3-646530-0
		1-646530-9
		646530-9
		646530-4
OBSOLETE		646530-1
	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B CARBO 07SEP05 CHK G.SKIPPER 07SEP05 APVD G.SKIPPER 07SEP05 PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029		Tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: ± 0.2 SEE TABLE		NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B	
MATERIAL 		WEIGHT -		SIZE CAGE CODE DRAWING NO A1 00779 C-646530	
		CUSTOMER DRAWING		SCALE 4:1 SHEET 1 of 2 REV D	

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

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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.

13

0.76µm MIN. GOLD PLATING AT MATING SURFACES.

LOC

DIST

AD00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

—

SEE SHEET 1

—

—

—

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

B CARBO

07SEP05

CHK

G.SKIPPER

07SEP05

APVD

G.SKIPPER

07SEP05

DIMENSIONS:

mm

0-PLC

1-PLC

2-PLC

3-PLC

4-PLC

ANGLES

±

±

±

±

±

±

±0.2

0-PLC

1-PLC

2-PLC

3-PLC

4-PLC

ANGLES

±

±

±

±

±

±

±0.2

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

CUSTOMER DRAWING

DWN

B CARBO

07SEP05

CHK

G.SKIPPER

07SEP05

APVD

G.SKIPPER

07SEP05

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

SIZE

A1

CAGE CODE

00779

DRAWING NO

646530

RESTRICTED TO

—

SCALE

4:1

SHEET

2

OF

2

REV

D

Tyco

Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105-3608

MALE ASSEMBLY, Z-PACK 2mm HM,
TYPE A/B

AMP 4805 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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[3-646530-0](#)