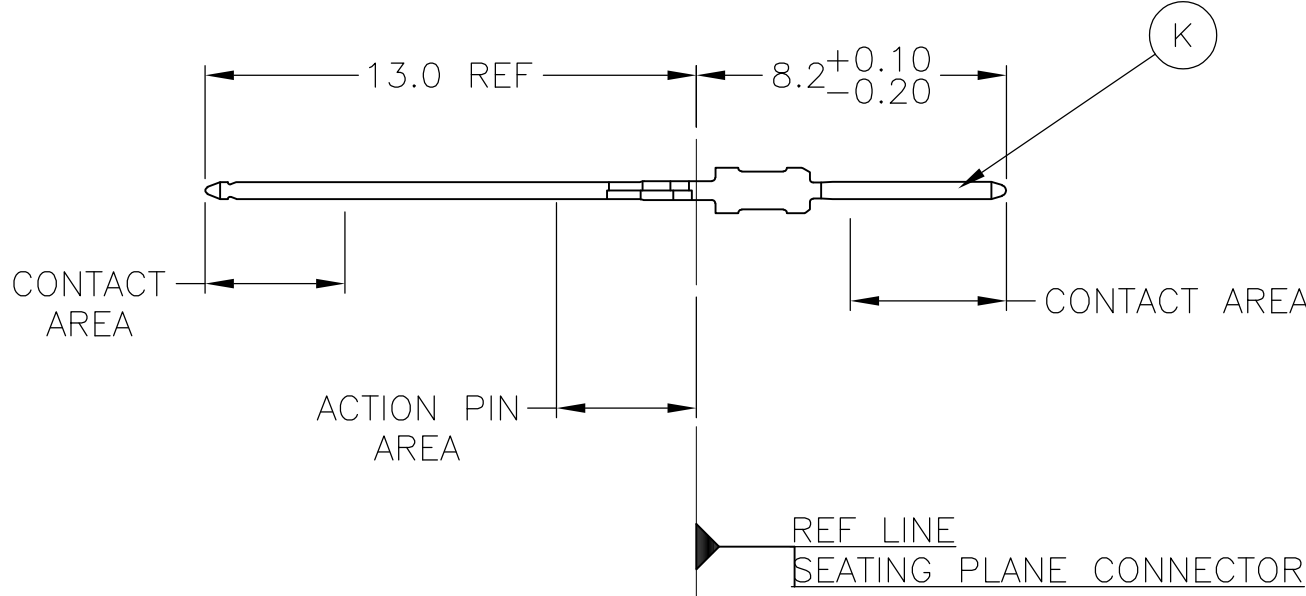
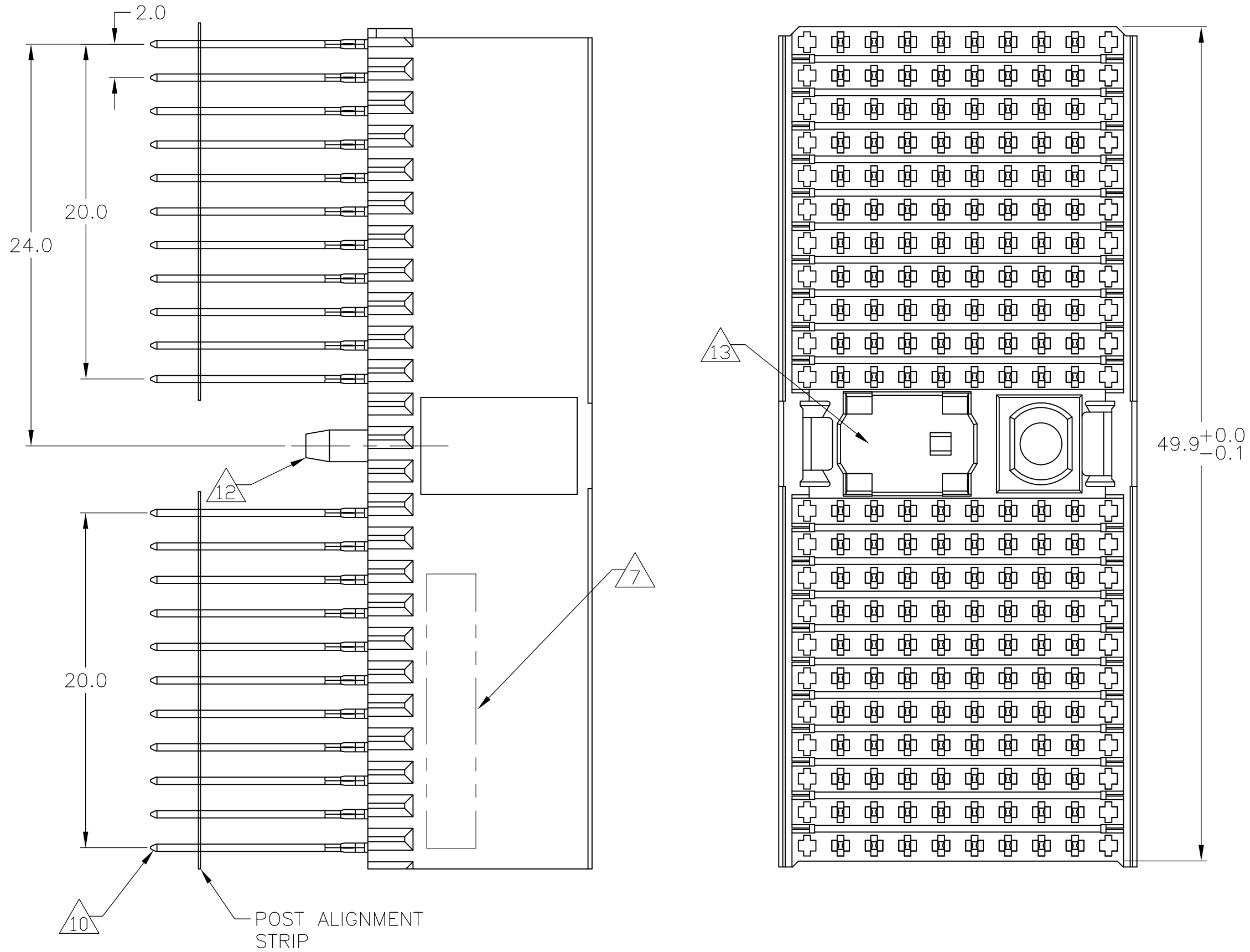


LOC	DIST	REVISIONS				
		REV	DATE	BY	CHKD	APVD
AD	00	A	REVISED PER ECN 0512-0303-05	17APR06	JDP	GES
		B	ECR-10-018652	10SEP10	JS	MQW

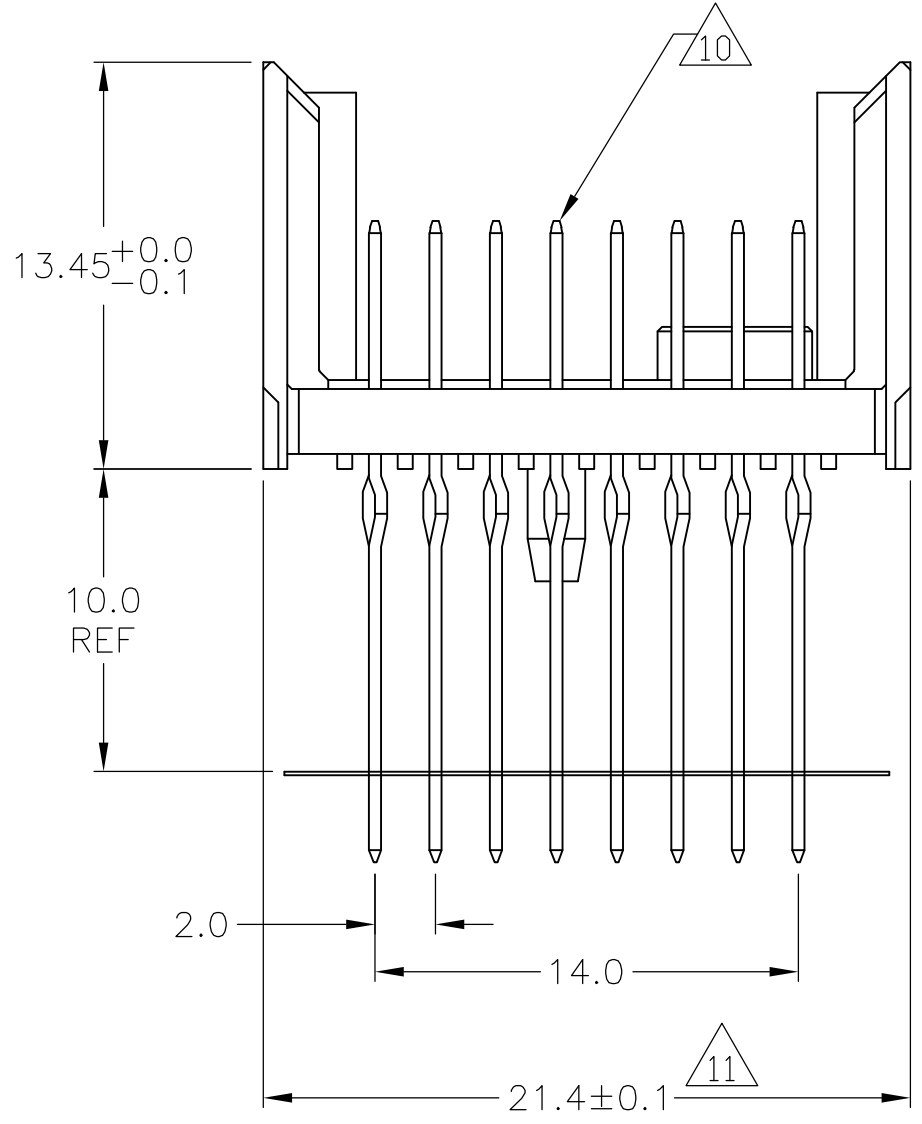
CONNECTOR ASSEMBLY
EXAMPLARY LOADED

CONTACT DIMENSIONS

CONTACT LAYOUT



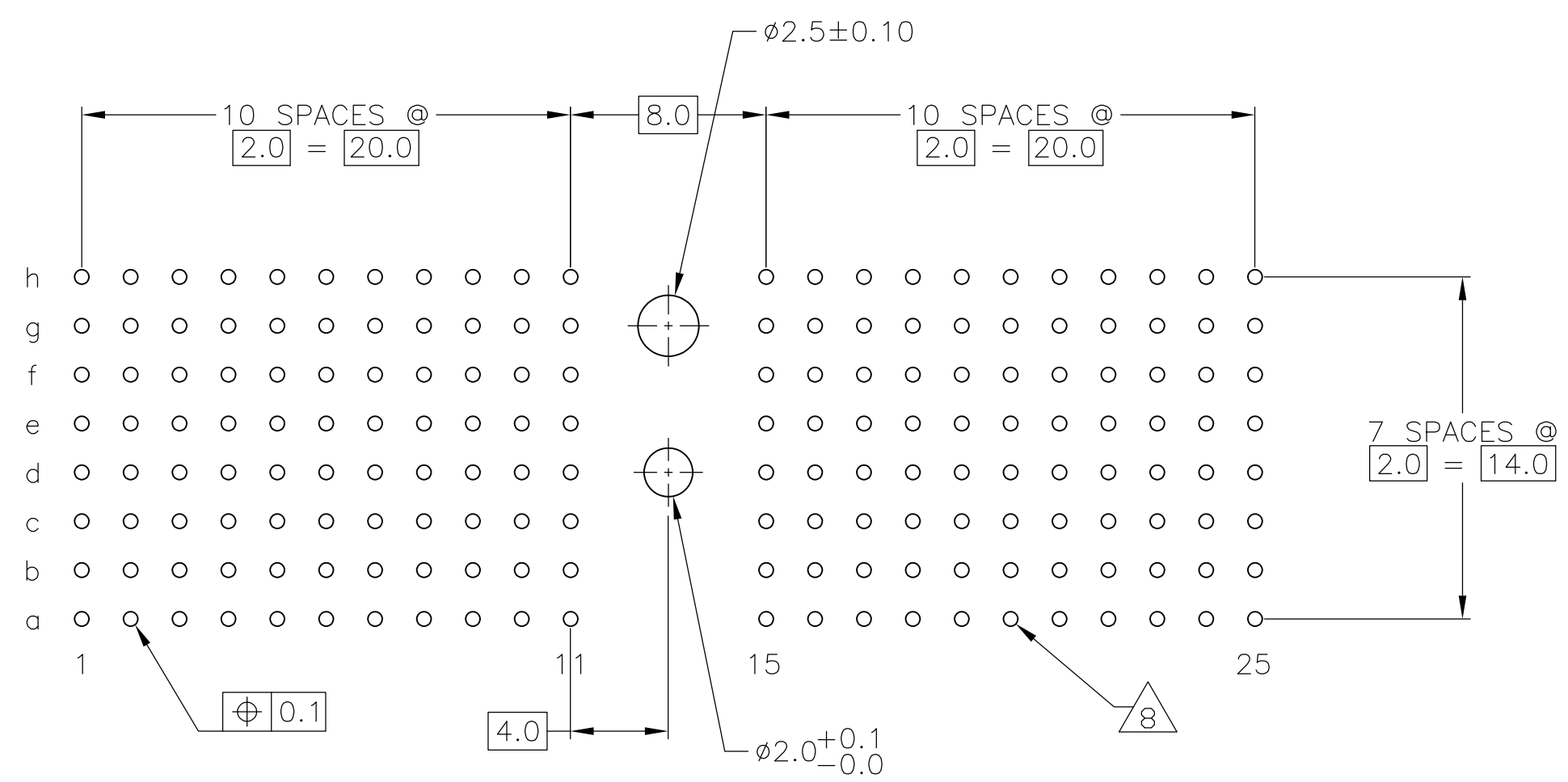
	z	a	b	c	d	e	f	g	h	i
1	K	K	K	K	K	K	K	K		
2	K	K	K	K	K	K	K	K		
3	K	K	K	K	K	K	K	K		
4	K	K	K	K	K	K	K	K		
5	K	K	K	K	K	K	K	K		
6	K	K	K	K	K	K	K	K		
7	K	K	K	K	K	K	K	K		
8	K	K	K	K	K	K	K	K		
9	K	K	K	K	K	K	K	K		
10	K	K	K	K	K	K	K	K		
11	K	K	K	K	K	K	K	K		
MULTI PURPOSE CENTER										
15	K	K	K	K	K	K	K	K		
16	K	K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



RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION



2	6	14	1-5646372-9
2	5	14	5646372-9
2	4		5646372-4
2	3		5646372-1
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WAITMAN 13JUL05	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER 13JUL05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE D	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 1-PLG ±0.1 2-PLG ± 3-PLG ± 4-PLG ±		APVD G. SKIPPER 13JUL05	SIZE 108-1622	
MATERIAL 1		FINISH SEE TABLE	RESTRICTED TO 100779	
		WEIGHT -	CUSTOMER DRAWING	
		SCALE 4:1	SHEET 1 OF 2	

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD00

REV

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

POLARIZATION FEATURE.

13

AREA RESERVED FOR KEYING PART (BASIC P/N 100525).

14

CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
S. WAITMAN
13JUL05

CHK
G. SKIPPER
13JUL05

APVD
G. SKIPPER
13JUL05

mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

±0.1

±

±

±

±

±0.2

108-1622

114-19029

PRODUCT SPEC

APPLICATION SPEC

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

MATERIAL
SEE SHEET 1

FINISH
SEE SHEET 1

WEIGHT
—

CUSTOMER DRAWING

A100779

5646372

SCALE
4:1

SHEET
2

OF
2

REV
B

Tyco

Electronics

Tyco Electronics Corporation
Harriaburg, Pa 17105-3608

NAME
MALE ASSEMBLY, Z-PACK 2mm HM,
TYPE D

AMP 4805 REV 31MAR2000