

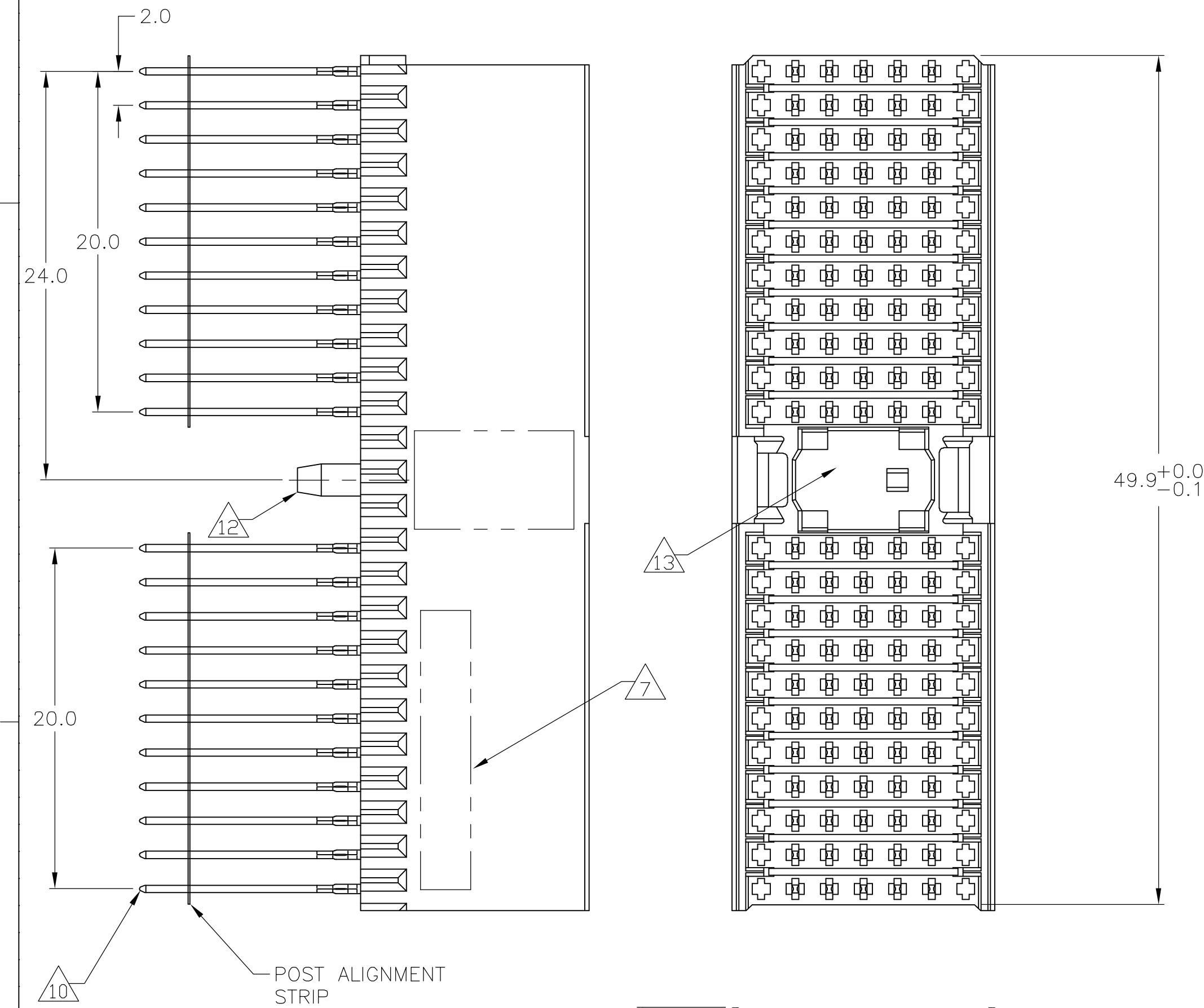
LOC	DIST	REVISIONS				
P	LTR	DESCRIPTION			DATE	OWN
		REV	PER	EC	OS12-0304-05	23MAY05
AD	00	E				BC
						GS

D

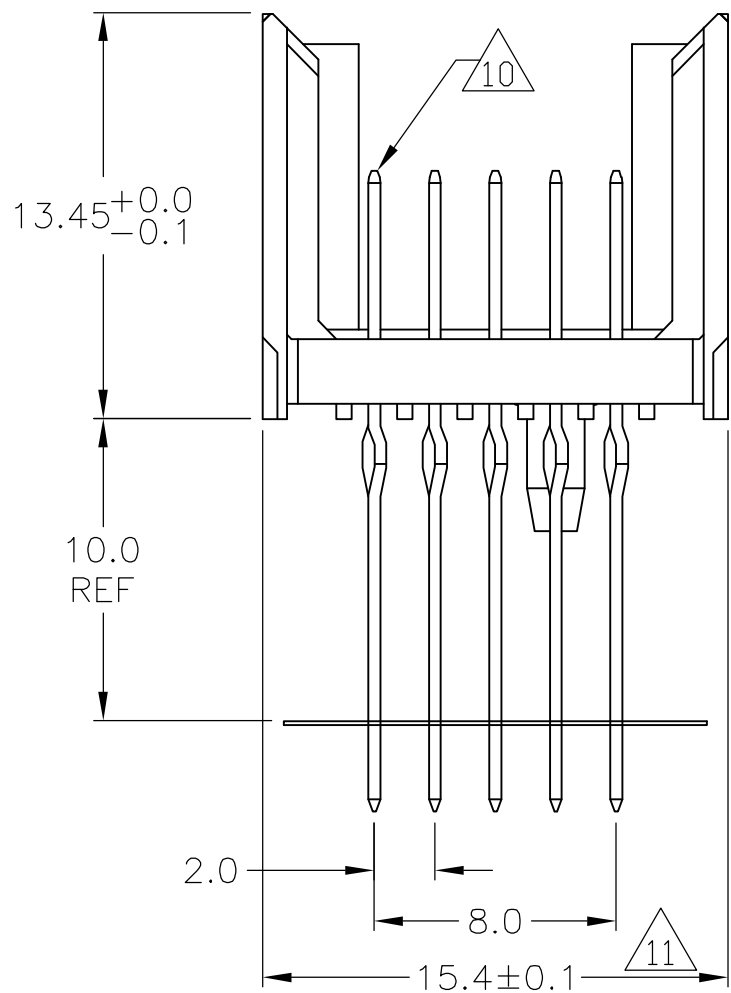
CONNECTOR ASSEMBLY
EXAMPLARY LOADED



C



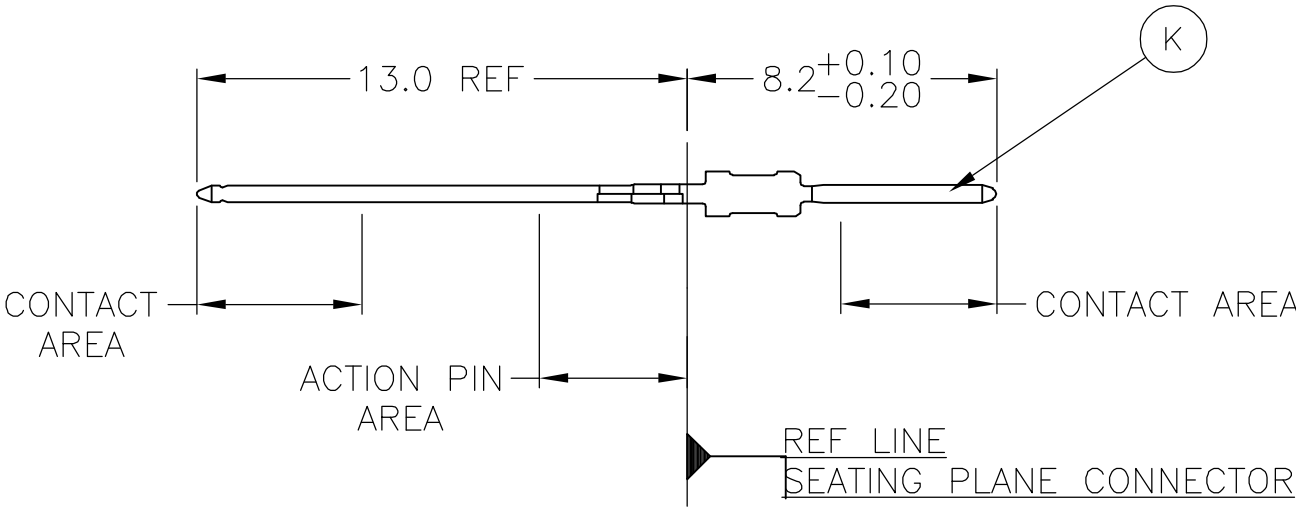
B



A

CONTACT DIMENSIONS

SCALE 5:1



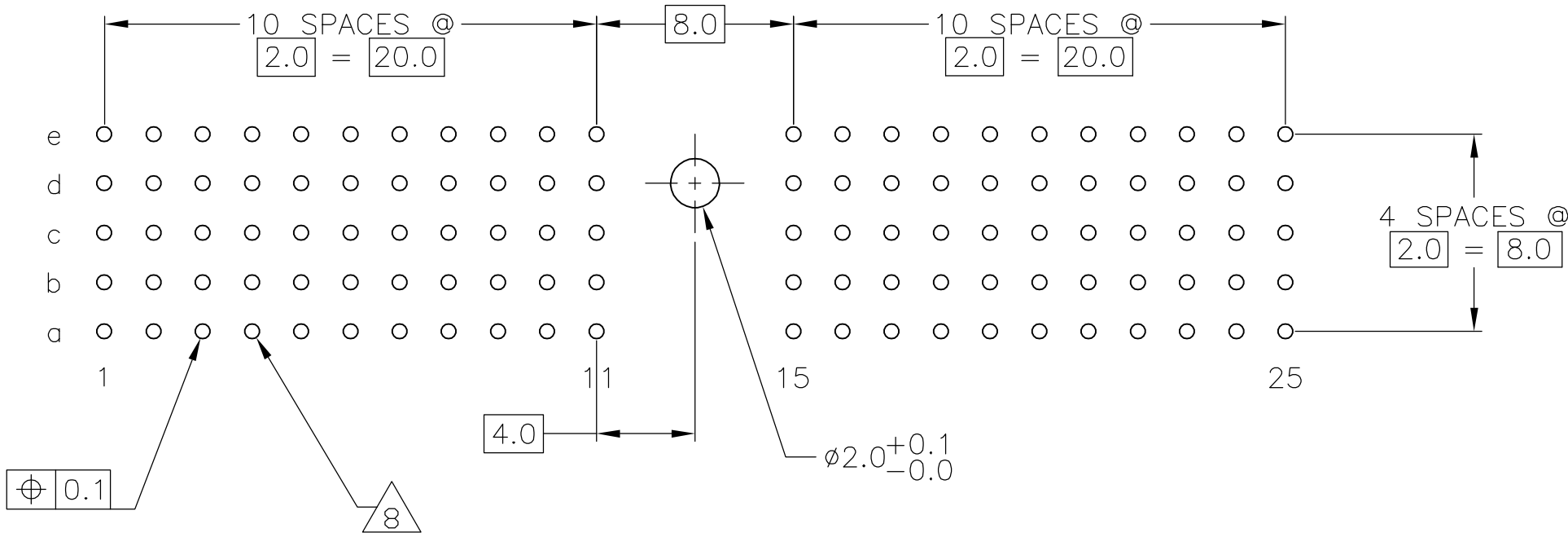
CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION



2	6	14	1-106164-9
2	5	14	106164-9
2	4		106164-4
2	3		106164-1
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B. CARBO	24JAN05	tyco Electronics		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		CHK G. SKIPPER	24JAN05	APVD G. SKIPPER	NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		RESTRICTED TO	
		0 PLC ± -		108-19082			
		1 PLC ± 0.1		APPLICATION SPEC			
		3 PLC ± -		114-19029			
MATERIAL		ANGLES		WEIGHT		SIZE	
1		SEE TABLE		-		A1 00779 C=106164	
				CUSTOMER DRAWING		SCALE 4:1	
						SHEET 1 OF 2	
						REV E	

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION

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LOC

DIST

AD

00

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\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

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
B CARBO

CHK
G SKIPPER

APVD
G SKIPPER

24JAN05

DIMENSIONS:

mm

0 PLC ± -

1 PLC ± 0.1

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

SEE SHEET 1

WEIGHT

—

tyco

Electronics

Tyco Electronics Corporation
Harriaburg, Pa 17105-3608

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A100779

106164

—

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 2

REV E

AMP 4805 REV 31MAR2000