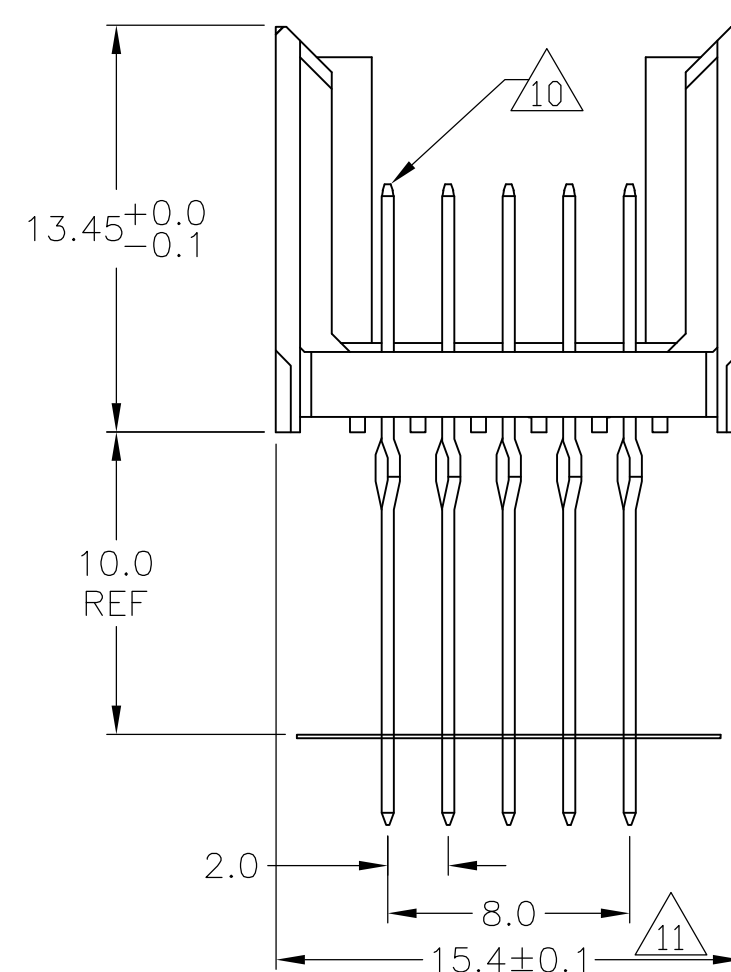
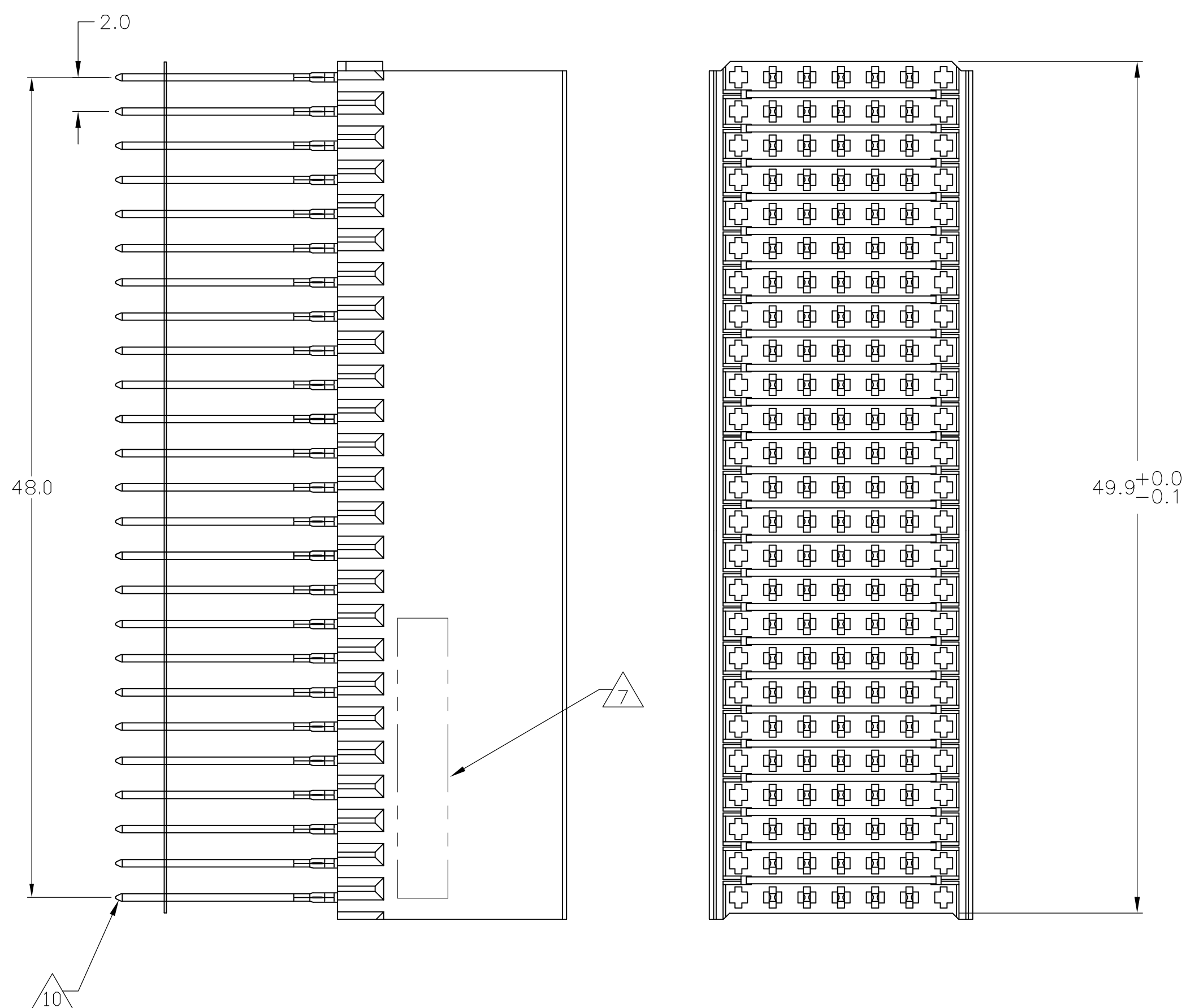
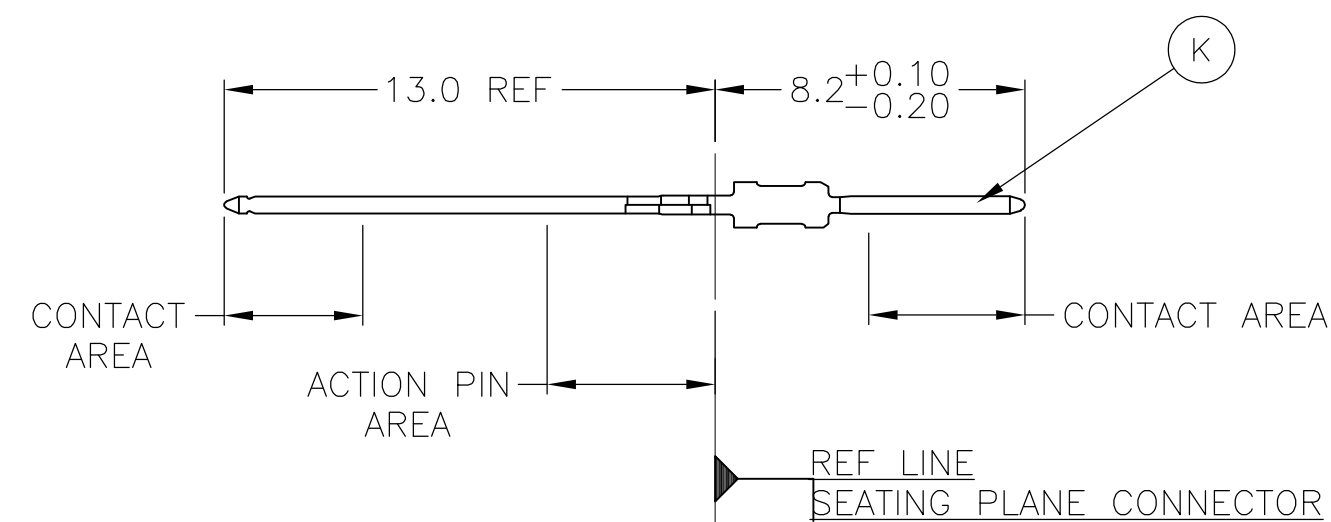


CONNECTOR ASSEMBLY
EXEMPLARY LOADED



CONTACT DIMENSIONS

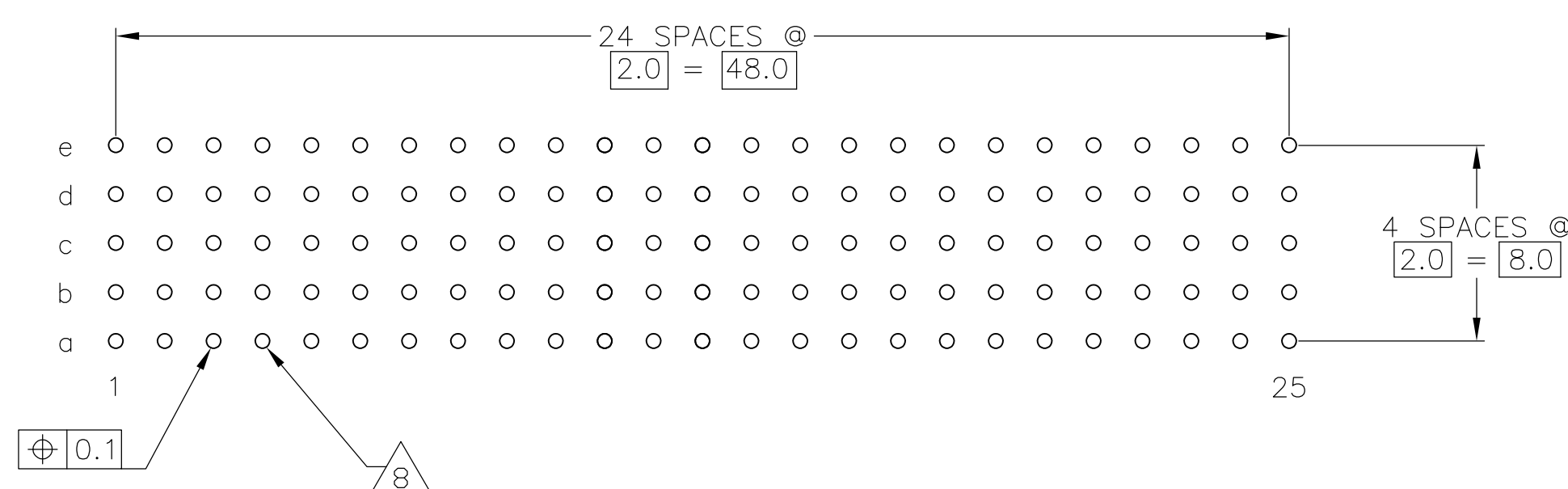
SCALE 5:1



CONTACT LAYOUT

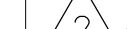
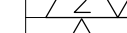
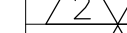
	z	a	b	c	d	e	f
1		K	K	K	K	K	
2		K	K	K	K	K	
3		K	K	K	K	K	
4		K	K	K	K	K	
5		K	K	K	K	K	
6		K	K	K	K	K	
7		K	K	K	K	K	
8		K	K	K	K	K	
9		K	K	K	K	K	
10		K	K	K	K	K	
11		K	K	K	K	K	
12		K	K	K	K	K	
13		K	K	K	K	K	
14		K	K	K	K	K	
15		K	K	K	K	K	
16		K	K	K	K	K	
17		K	K	K	K	K	
18		K	K	K	K	K	
19		K	K	K	K	K	
20		K	K	K	K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

		1-106165-9
		106165-9
		106165-4
OBsolete		106165-1
	FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		QIN B CARBO	24JAN05	Tyco Electronics		Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	QSK G SKIPPER	24JAN05	NAME	MALE ASSEMBLY, Z=PACK 2mm HM, TYPE B	
		PRODUCT SPEC 108-19082 APPLICATION SPEC 114-19029		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
MATERIAL FINISH SEE TABLE		WEIGHT —		A1	00779	C-106165	—
CUSTOMER DRAWING			SCALE		4:1	SHEET	1 OF 2
							REV

8

7

6

5

4

3

2

1

THIS DRAWING IS UNPUBLISHED.

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.

LOC

DIST

AD

00

REV

LTR

DESCRIPTION

DATE

DWN

APVD

—

—

SEE SHEET 1

—

—

—

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

B CARBO

24JAN05

CHK

G SKIPPER

24JAN05

APVD

G SKIPPER

24JAN05

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

106165

—

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

G

DIMENSIONS:

mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

±

±

±

±

±

±0.1

±0.2

AMP 4805 REV 31MAR2000