

8

7

6

5

4

3

2

1

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LOCAD

DIST00

REVISIONS				
REV	DATE	DESCRIPTION	BY	CHK
A	30MAY06	REVISED PER ECN 0512-0306-05	JDP	GES
B	15SEP10	ECR-10-019054	DP	MQW
C	30NOV12	ECR-12-009853	SY	AC

CONNECTOR ASSEMBLY
EXAMPLARY LOADED

2.0

48.0

7

10

49.9^{+0.0}_{-0.1}

11

13.45^{+0.0}_{-0.1}

2.0

10.0

15.4±0.1

10

11

CONTACT DIMENSIONS

SCALE 5:1

3.7 REF

8.2^{+0.10}_{-0.20}

A

ACTION PIN AREA

CONTACT AREA

3.7 REF

11.2^{+0.10}_{-0.20}

C

ACTION PIN AREA

CONTACT AREA

REF LINE

SEATING PLANE CONNECTOR

CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

24 SPACES @
2.0 = 48.0

5 SPACES @
2.0 = 10.0

1

8

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN B CARBO 23MAY05

CHK G SKIPPER 23MAY05

APVD G SKIPPER 23MAY05

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

WEIGHT

—

CUSTOMER DRAWING

DIMENSIONS: mm

0-PLG ±

1-PLG ±0.1

2-PLG ±

3-PLG ±

4-PLG ±

ANGLES

±0.2

SEE TABLE

MATERIAL 1

FINISH

SCALE 4:1

SHEET 1 OF 2

REV C

OBsolete

REV	DATE	DESCRIPTION	BY	CHK
2	6/12	1-1645008-9		
2	5/12	1645008-9		
2	4	1645008-4		
2	3	1645008-1		

FINISH

PART NUMBER

Tyco Electronics

Tyco Electronics Corporation

Harrisburg, Pa 17105-3608

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

SIZE A1

CAGE CODE 00779

DRAWING NO 1645008

RESTRICTED TO

AMP 4805 REV 31MAR2000

8

7

6

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4

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2

1

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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

23MAY05

CHK

G.SKIPPER

23MAY05

APVD

G.SKIPPER

23MAY05

DIMENSIONS:

mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±

± 0.1

±

±

±

±

±0.2

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

SIZE

A1

CAGE CODE

00779

DRAWING NO

1645008

RESTRICTED TO

—

CUSTOMER DRAWING

SCALE 4:1

SHEET 2 OF 2

REV C

Tyco

Electronics

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

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

AMP 4805 REV 31MAR2000