

8

7

6

5

4

3

2

1

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CONNECTOR ASSEMBLY

EXAMPLARY LOADED

9

2.0

48.0

7

10

49.9^{+0.0}_{-0.1}

13.45^{+0.0}_{-0.1}

2.0

18.0

21.4±0.1

11

10

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

RECOMMENDED PCB-HOLE LAYOUT

COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

24 SPACES @
2.0 = 48.0

9 SPACES @
2.0 = 18.0

1

25

8

0.1

CONTACT LAYOUT

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

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DWN J. POLIGNONE ZBJANDS

CHK G. SKIPPER

APVD G. SKIPPER

PRODUCT SPEC

108-1622

APPLICATION SPEC

114-19029

WEIGHT

—

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

REV K1

TE Connectivity

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

SIZE A1

CAGE CODE 00779

DRAWING NO 646357

RESTRICTED TO

—

4805 (3/11)

8

7

6

5

4

3

2

1

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LOCAD

DIST00

REV

DATE

BY

APPD

DESCRIPTION

DATE

DWN

APPD

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

076µm MIN GOLD PLATING AT MATING SURFACES.

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DWNJ. POLIGNONE

ZBJANDS

CHKG. SKIPPER

-

APVGG. SKIPPER

-

NAME

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

DIMENSIONS:

mm

0-PLG

1-PLG

2-PLG

3-PLG

4-PLG

ANGLES

±0.1

±0.2

±0.1

±0.1

±0.1

±0.1

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

-

SIZE

A1

CAGE CODE

00779

DRAWING NO

646357

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

K1

4805 (3/11)