

8

7

6

5

4

3

2

1

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CONNECTOR ASSEMBLY

EXAMPLARY LOADED

9

2.0

20.0

24.0

20.0

20.0

12

7

10

13

49.9^{+0.0}_{-0.1}

13

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

10 SPACES @
2.0 = 20.0

8.0

10 SPACES @
2.0 = 20.0

9 SPACES @
2.0 = 18.0

15
ø2.0^{+0.1}_{-0.0}

4.0

11

1

ø0.1

8

15

25

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

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

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

MULTI PURPOSE CENTER

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LOC AD

DIST 00

REV F2

REV PER ECO-10-001916

DATE 02FEB2010

DWN JY

APVD SY

REV G

ECR-10-018652

DATE 10SEP10

DWN JS

APVD MQW

REV H1

ECR-13-016193

DATE 17OCT13

DWN DS

APVD MY

TE Connectivity

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

108-1622

114-19029

646356

100779

4:1

1

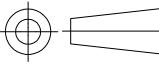
2

REV H1

4805 (3/11)

LOC		DIST		REVISIONS					
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.
- 15
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI
- 16
- 0.76μm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S.WAITMAN 13JUL05	 TE Connectivity				
		CHK G.SKIPPER 13JUL05					
DIMENSIONS: mm		APVD G.SKIPPER 13JUL05		NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE D		
		PRODUCT SPEC					
		108-1622					
		APPLICATION SPEC					
MATERIAL SEE SHEET 1		FINISH SEE SHEET 1		WEIGHT -	RESTRICTED TO -		
		CUSTOMER DRAWING		SIZE A1	CAGE CODE 00779	DRAWING NO 646356	
				SCALE 4:1	SHEET 2	OF 2	REV H1

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[3-646356-0](#)