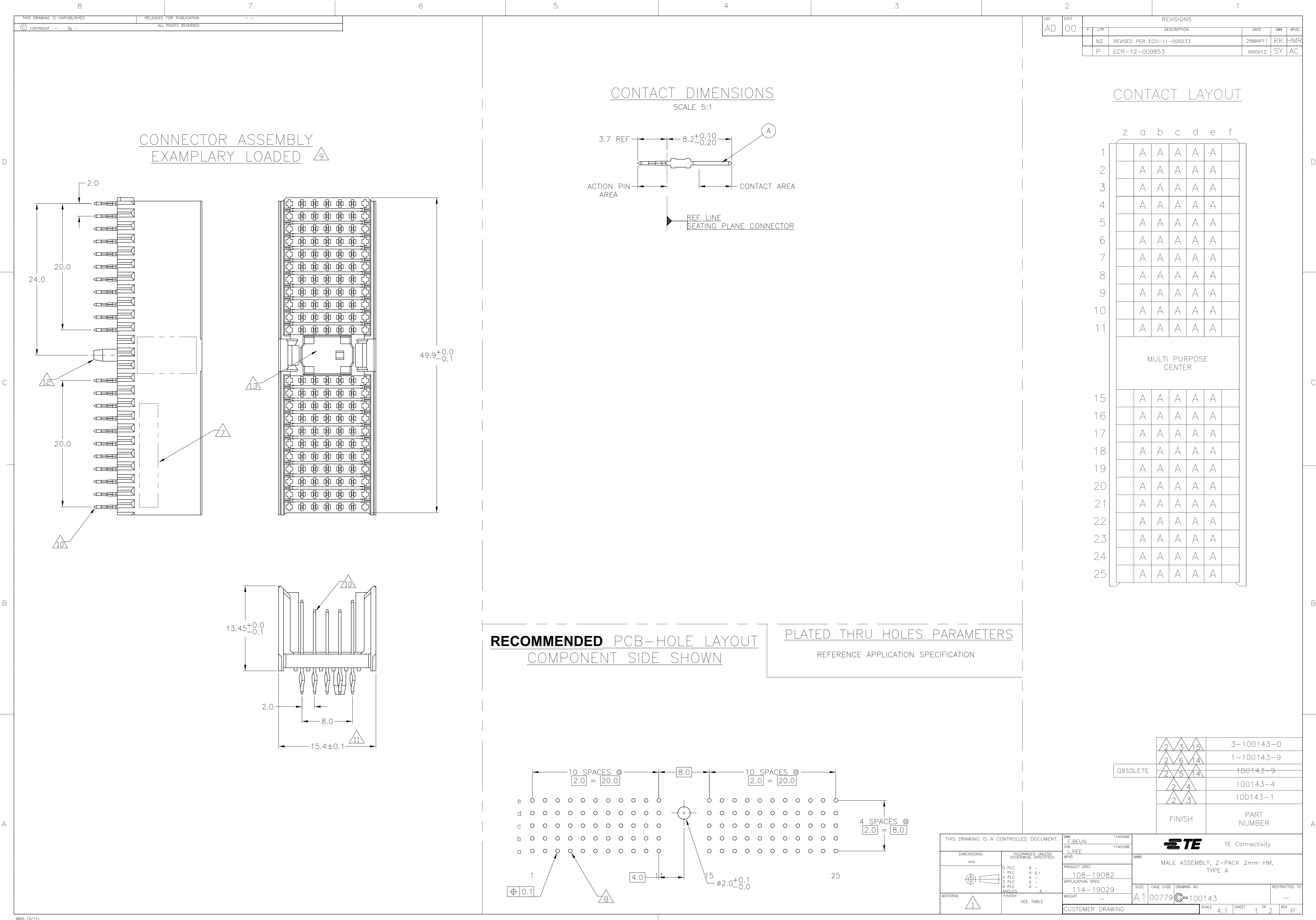




CONNECTOR ASSEMBLY
EXAMPLARY LOADED

2.0

24.0

20.0

20.0

49.9^{+0.0}_{-0.1}

10

12

13

7

13.45^{+0.0}_{-0.1}

2.0

8.0

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

REF LINE SEATING PLANE CONNECTOR

CONTACT LAYOUT

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

RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

10 SPACES @
2.0 = 20.0

8.0

10 SPACES @
2.0 = 20.0

4 SPACES @
2.0 = 8.0

1

15

25

11

4.0

1

0.1

8

2.0^{+0.1}_{-0.0}

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN F. BEUN 11NOV98

CHK L. REE 11NOV98

APVD

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± 0.1
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

1

1

MATERIAL 1

FINISH SEE TABLE

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DWN F. BEUN 11NOV98

CHK L. REE 11NOV98

APVD

PRODUCT SPEC 108-19082

APPLICATION SPEC 114-19029

WEIGHT -

CUSTOMER DRAWING

SCALE 4:1

SHEET 1 OF 2

REV P

RESTRICTED TO -

OBSDLETE

2	3	15	3-100143-0
2	6	14	1-100143-9
2	5	14	100143-9
2	4		100143-4
2	3		100143-1
FINISH			PART NUMBER

TE Connectivity

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

A100779100143

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8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

ALL RIGHTS RESERVED.

LOC

DIST

AD

00

REVISONS

REV

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

0.76µm MIN GOLD PLATING AT MATING SURFACES.

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DWN

F. BEUN

11NOV98

CHK

L. REE

11NOV98

APVD

DIMENSIONS:

mm

0. PLC

±

—

1. PLC

±

0.1

2. PLC

±

—

3. PLC

±

—

4. PLC

±

—

ANGLES

±

±

—

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

PRODUCT SPEC

108-19082

APPLICATION SPEC

114-19029

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

—

CUSTOMER DRAWING

DWN

F. BEUN

11NOV98

CHK

L. REE

11NOV98

APVD

NAME

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

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A1

00779

100143

—

SCALE

4:1

SHEET

2

OF

2

REV

P

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