

CONTACT DIMENSIONS

SCALE 5:1

Technical drawing showing two types of Seating Plane Connectors, K and T, with dimensions and areas.

Connector K:

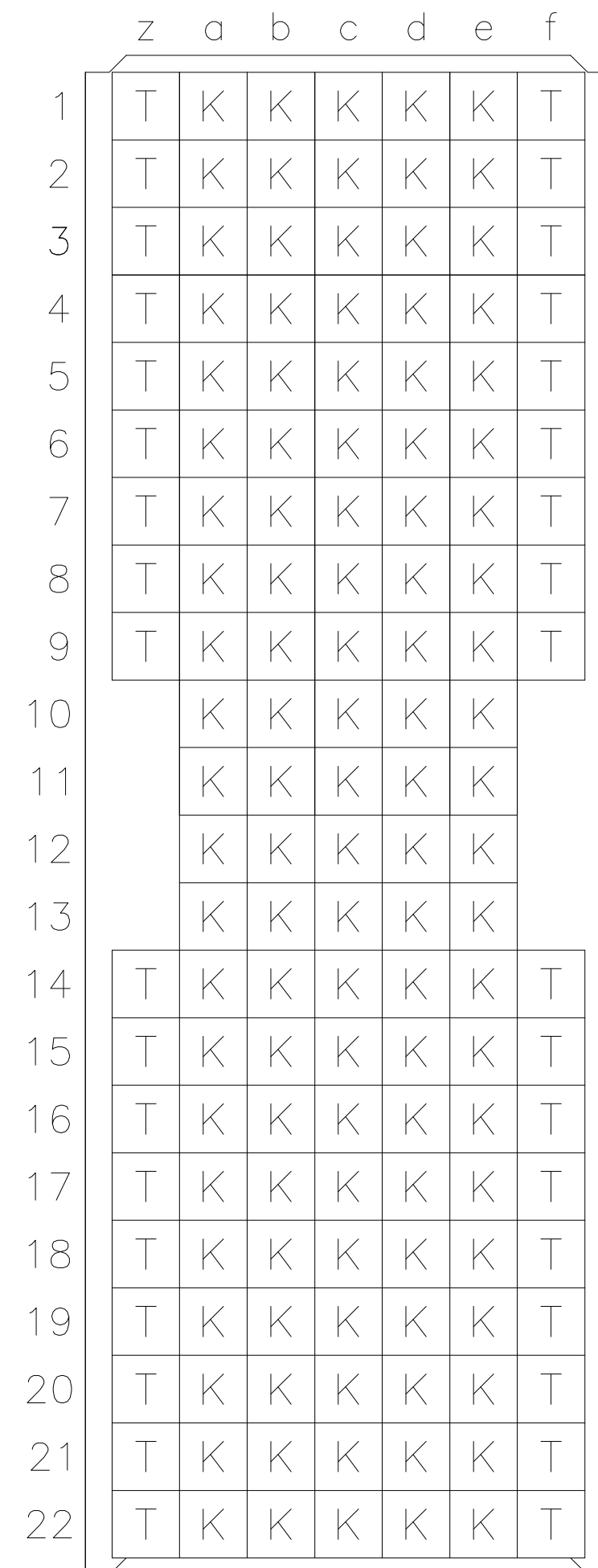
- Overall length: 13.0 REF
- Distance from contact area to center of connector: 8.2^{+0.10}_{-0.20}
- Areas: CONTACT AREA, ACTION PIN AREA

Connector T:

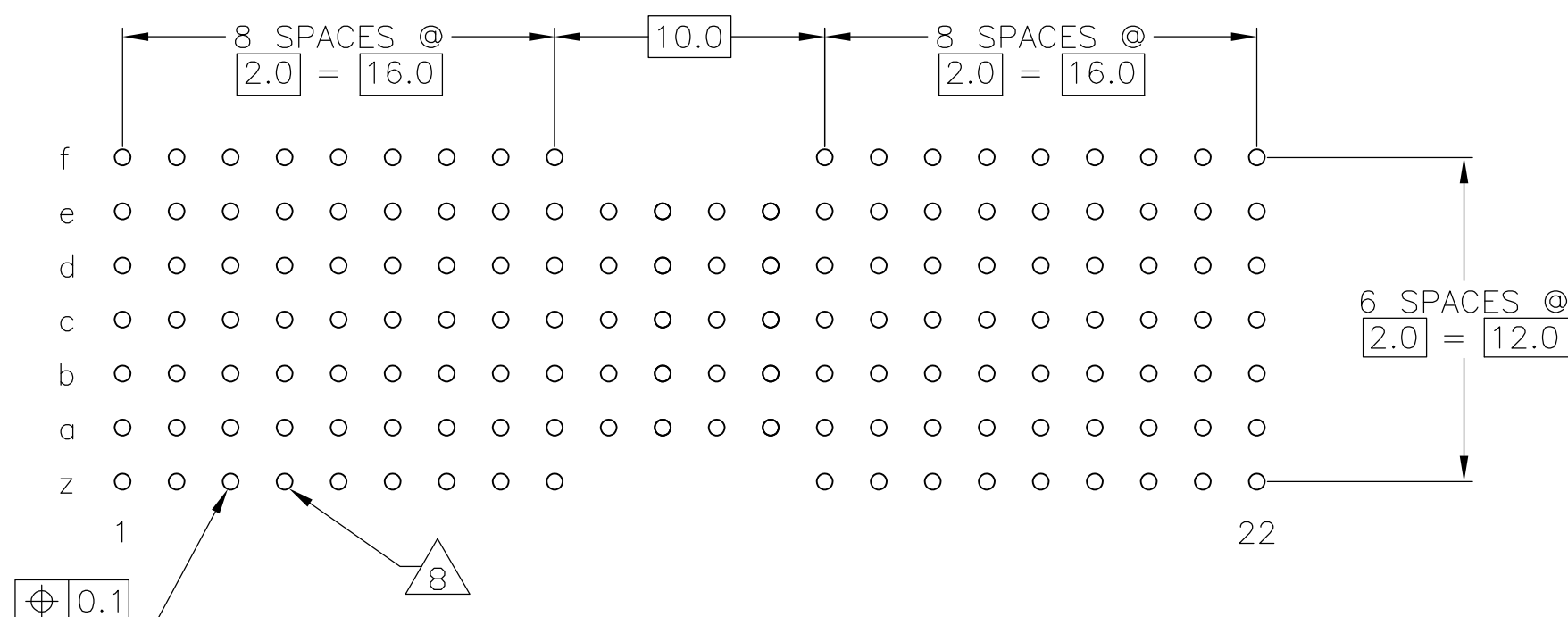
- Overall length: 16.0 REF
- Distance from contact area to center of connector: 11.2^{+0.10}_{-0.20}
- Areas: CONTACT AREA, ACTION PIN AREA

Legend:

- REF LINE
- SEATING PLANE CONNECTOR



REFERENCE APPLICATION SPECIFICATION



   	1-5646735-9
   	5646735-9
 	5646735-4
 	5646735-1
FINISH	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.						DWN B. CARBO	OBS/PQS	<i>ttyco</i>		Tyco Electronics Corporation	
						DWG G. SKIPPER	OBS/PQS	<i>Electronics</i>		Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APP'D G. SKIPPER	OBS/PQS	NAME		MALE ASSEMBLY, Z-PACK 2mm HM, TYPE A/B			
 D PL C ± - 1 PL C ± 0.1 2 PL C ± - 3 PL C ± - 4 PL C ± - ANGLES ± ± - FINISH		PRODUCT SPEC		108-19082		SIZE CAGE CODE DRAWING NO. A1 00779 C=5646735		RESTRICTED TO			
		APPLICATION SPEC		114-19029							
		WEIGHT		—							
MATERIAL	SEE TABLE		CUSTOMER DRAWING		SCALE 4:1		SHEET 1 OF 2	REV A			

8

7

6

5

4

3

2

1

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LOC

AD

DIST

00

REVISED

REV

DATE

BY

APPROVED

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.
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.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

B CARBO

OBSEPOS

CHK

G SKIPPER

OBSEPOS

APPD

G SKIPPER

OBSEPOS

NAME

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

DIMENSIONS:

mm

0

PLC

±

-

1

PLC

±

0.1

2

PLC

±

-

3

PLC

±

-

4

PLC

±

-

ANGLES

±

-

108-19082

114-19029

MATERIAL

SEE SHEET 1

FINISH

SEE SHEET 1

WEIGHT

-

SIZE

A1

CAGE CODE

00779

DRAWING NO

5646735

RESTRICTED TO

-

CUSTOMER DRAWING

SCALE

4:1

SHEET

2

OF

2

REV

A

AMP 4805 REV 31MAR2000