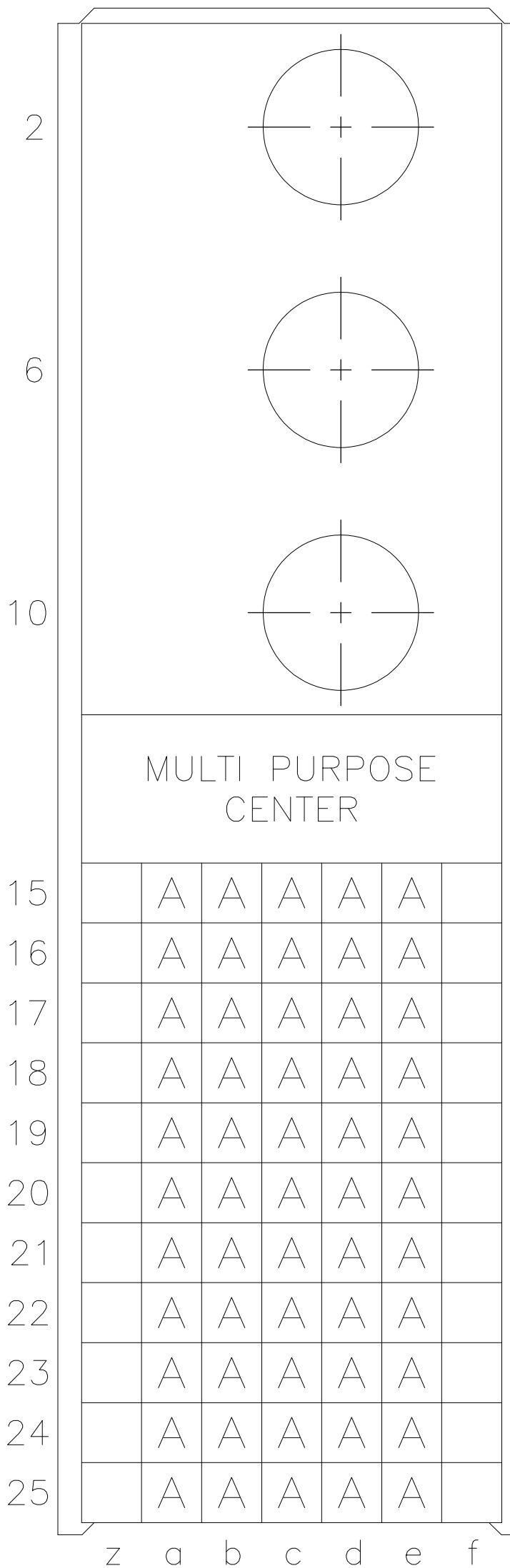
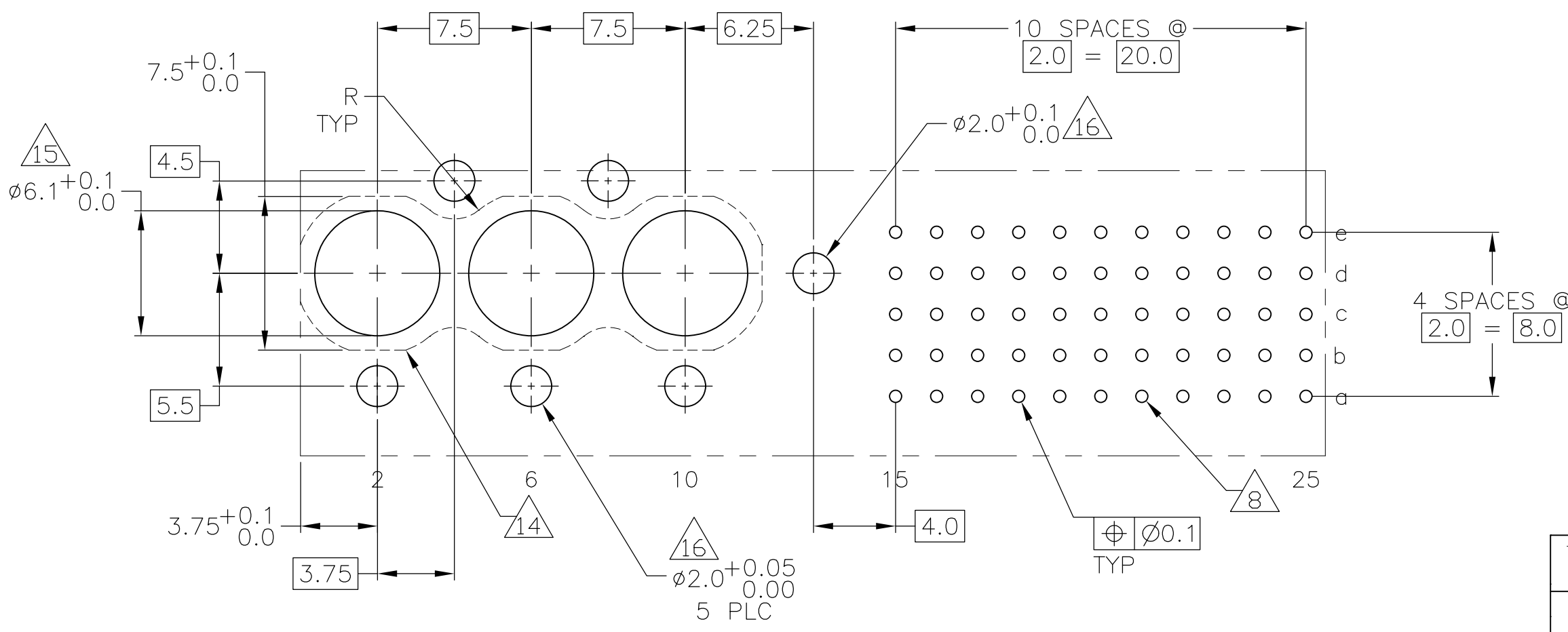


CONTACT LAYOUT






RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION



		2	3	20	3-100749-0
		2	6	18	1-100749-9
19	OBSOLETE	2	5	18	100749-9
		2	4		100749-4
	OBSOLETE	2	3		100749-1
		FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN: B CARBO 24JAN05	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608		
		CHK: G SKIPPER 24JAN05			
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLG ± 1-PLG ±0.2 ±0.2 2-PLG ±0.02 ±0.005 3-PLG ±0.005 4-PLG ±0.005 ANGLES ±30°	APVD: G SKIPPER 24JAN05	NAME		
		PRODUCT SPEC	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M		
	MATERIAL	APPLICATION SPEC	108-19082		
		APPLICATION SPEC	114-19029		
		WEIGHT	-		
		SEE TABLE			
		CUSTOMER DRAWING			
		SCALE 4:1		SHEET 1 OF 2	REV H

8

7

6

5

4

3

2

1

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RELEASED FOR PUBLICATION

BY TYCO ELECTRONICS CORPORATION.

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LOCAD

DIST00

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

AREA RESERVED FOR KEYING PART (BASIC P/N 100525).

12

POLARIZATION FEATURE.

13

CONTACT CAVITIES SUITABLE FOR ø4.8 HIGH CURRENT, HIGH FREQUENCY OR
FIBRE OPTIC CONTACTS AS PER DIN 41626 (SEE ALSO NOTE 14 AND 15).

14

PATERN FOR FIBRE OPTIC CONTACTS.

15

NOT PLATED THROUGH HOLES, TO BE REPLACED BY ø5.9^{+0.1}_{0.0} PLATED THOUGH
HOLES IF STRAIGHT SOLDER CONTACTS ARE APPLIED.

16

NOT PLATED THROUGH HOLES.

17

TO BE MEASURED AT BOTTOM OF SHROUD.

18

CONNECTOR LUBRICATED WITH TELCORDIA APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

19

OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

20

0.76µm MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN
B CARBO
CHK
G SKIPPER
APVD
G SKIPPER

24JAN05
24JAN05
24JAN05

mm

0-PLG ± —
1-PLG ± 0.2 ±0.2
2-PLG ± 0.02
3-PLG ± 0.005
4-PLG ± —
ANGLES ± 0.30°

MATERIAL
SEE SHEET 1

FINISH
SEE SHEET 1

WEIGHT
—

CUSTOMER DRAWING

NAME
MALE ASSEMBLY, Z-PACK 2mm HM,
TYPE M

SIZE
A1

CAGE CODE
00779

DRAWING NO
100749

RESTRICTED TO
—

SCALE
4:1

SHEET
2

OF
2

REV
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LOCAD

DIST00

P	LTR	DESCRIPTION	DATE	DWN	APVD
—	—	SEE SHEET 1	—	—	—

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CENTRAL OFFICE APPLICATIONS.

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DWN
B CARBO
CHK
G SKIPPER
APVD
G SKIPPER

24JAN05
24JAN05
24JAN05

mm

0-PLG ± —
1-PLG ± 0.2 ±0.2
2-PLG ± 0.02
3-PLG ± 0.005
4-PLG ± —
ANGLES ± 0.30°

MATERIAL
SEE SHEET 1

FINISH
SEE SHEET 1

WEIGHT
—

CUSTOMER DRAWING

NAME
MALE ASSEMBLY, Z-PACK 2mm HM,
TYPE M

SIZE
A1

CAGE CODE
00779

DRAWING NO
100749

RESTRICTED TO
—

SCALE
4:1

SHEET
2

OF
2

REV
H

AMP 4805 REV 31MAR2000

Mouser Electronics

Authorized Distributor

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