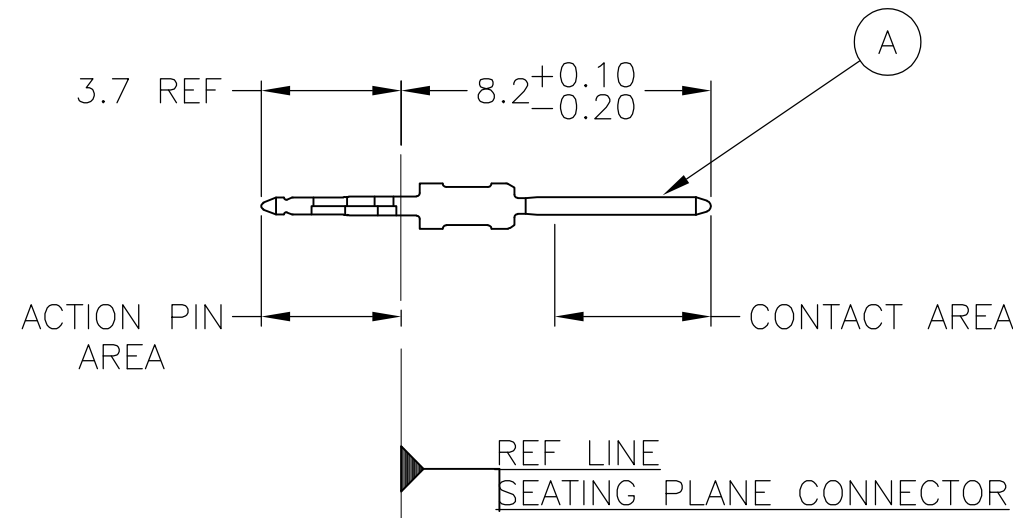
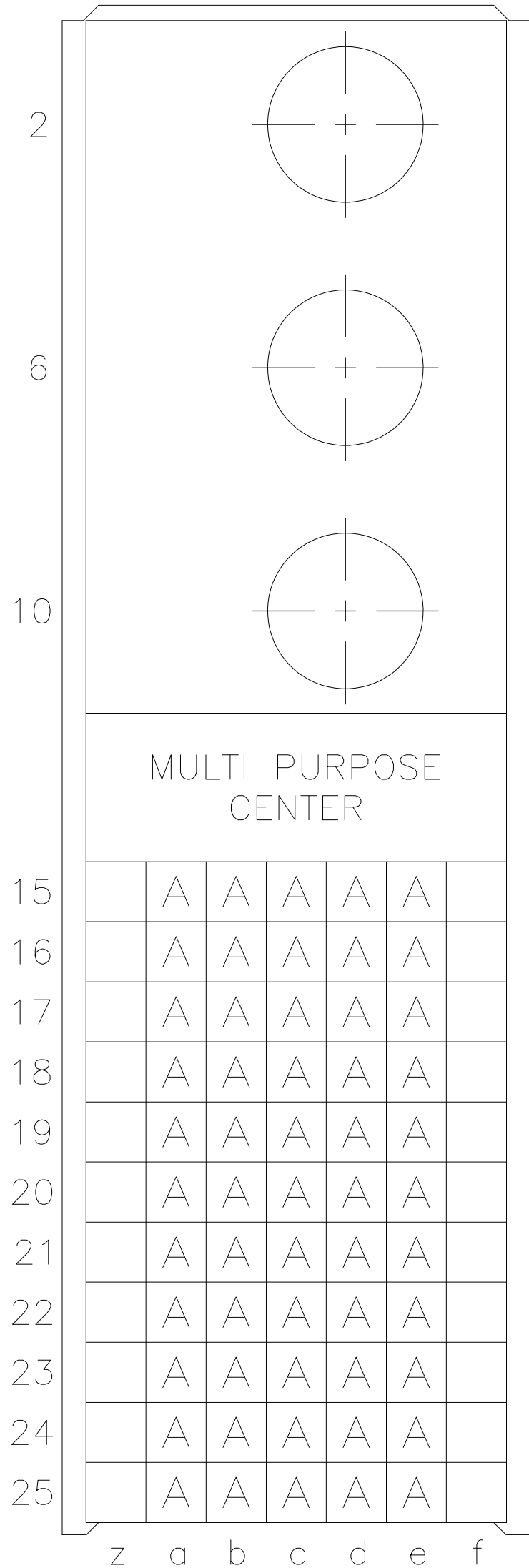


CONTACT DIMENSIONS

SCALE 5:1



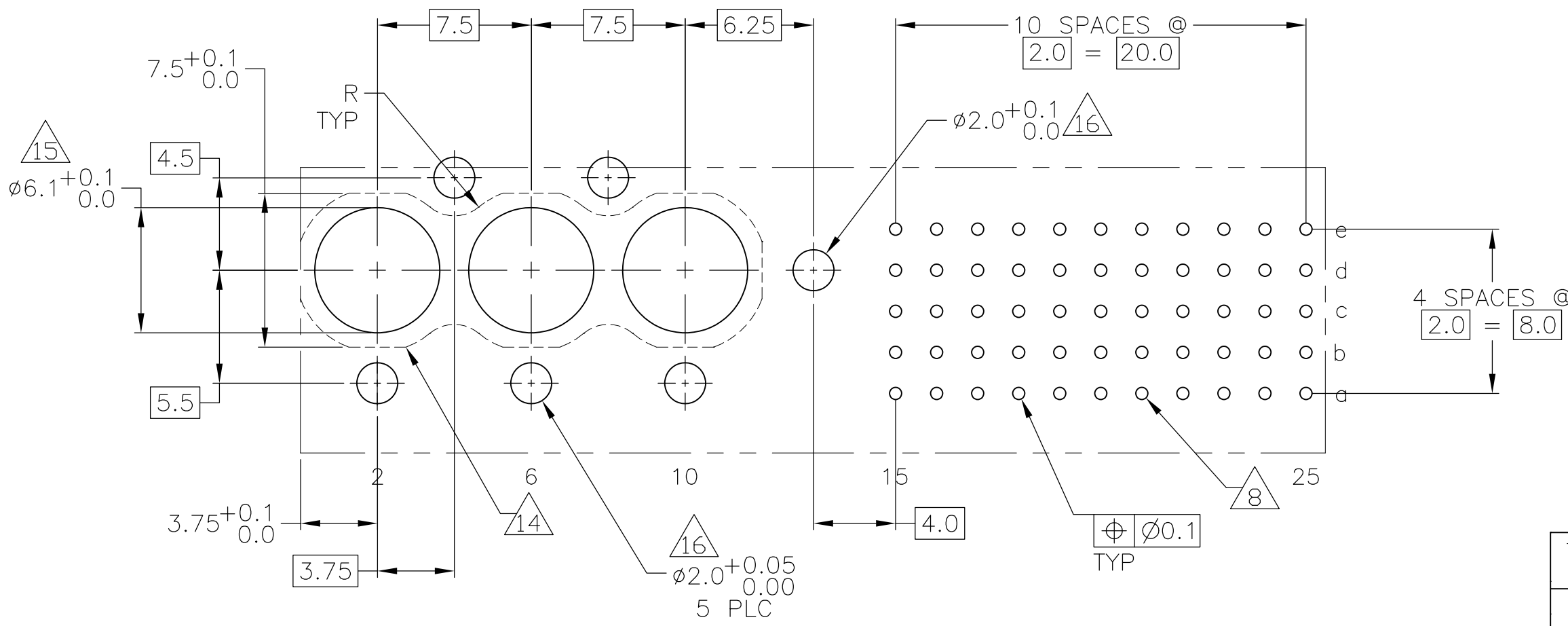
CONTACT LAYOUT




















RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN

PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION



	OBSOLETE				3-100749-0
					1-100749-9
					400749-9
					100749-4
OBSOLETE					100749-1
					100749-1
FINISH					PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B CARBO 24JAN05	Tyco Electronics Corporation	
		CHK G SKIPPER 24JAN05	Harrisburg, Pa 17105-3608	
DIMENSIONS: mm		APVD G SKIPPER 24JAN05	NAME	
		PRODUCT SPEC	108-19082	
		APPLICATION SPEC	114-19029	
MATERIAL		WEIGHT	A1 00779 100749	
		SEE TABLE	CUSTOMER DRAWING	
			SCALE 4:1	SHEET 1 OF 2

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

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


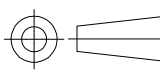
NOT PLATED THROUGH HOLES.
- 17

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	24JAN05	 Tyco Electronics Corporation Harriaburg, Pa 17105-3608			
		CHK G SKIPPER	24JAN05				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD G SKIPPER	24JAN05	NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M		
	0-PLG ±	PRODUCT SPEC 108-19082		SIZE	CAGE CODE 00779		
	1-PLG ±0.2 ±0.2	APPLICATION SPEC 114-19029					
	2-PLG ±0.02 3-PLG ±0.005 4-PLG ± ANGLES ±0.30°	WEIGHT —		RESTRICTED TO —			
MATERIAL SEE SHEET 1	FINISH SEE SHEET 1	CUSTOMER DRAWING		SCALE 4:1	SHEET 2	OF 2	REV H

Mouser Electronics

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[TE Connectivity:](#)

[3-100749-0](#)