

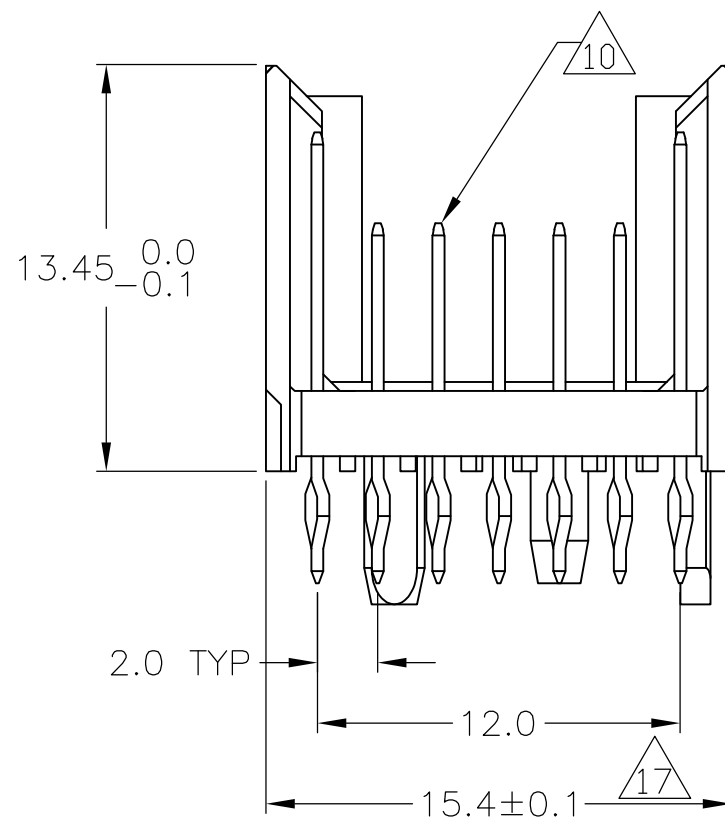
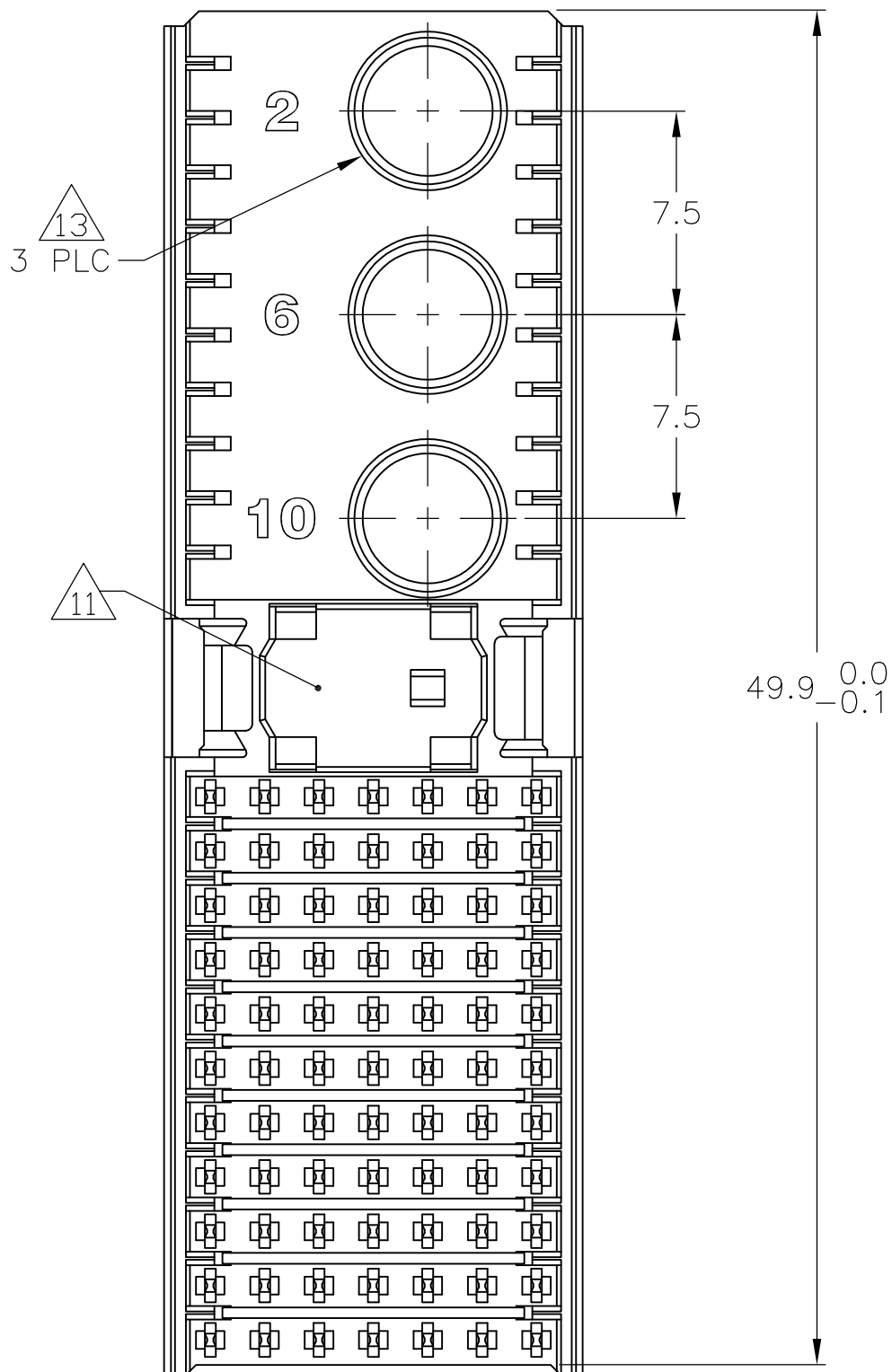
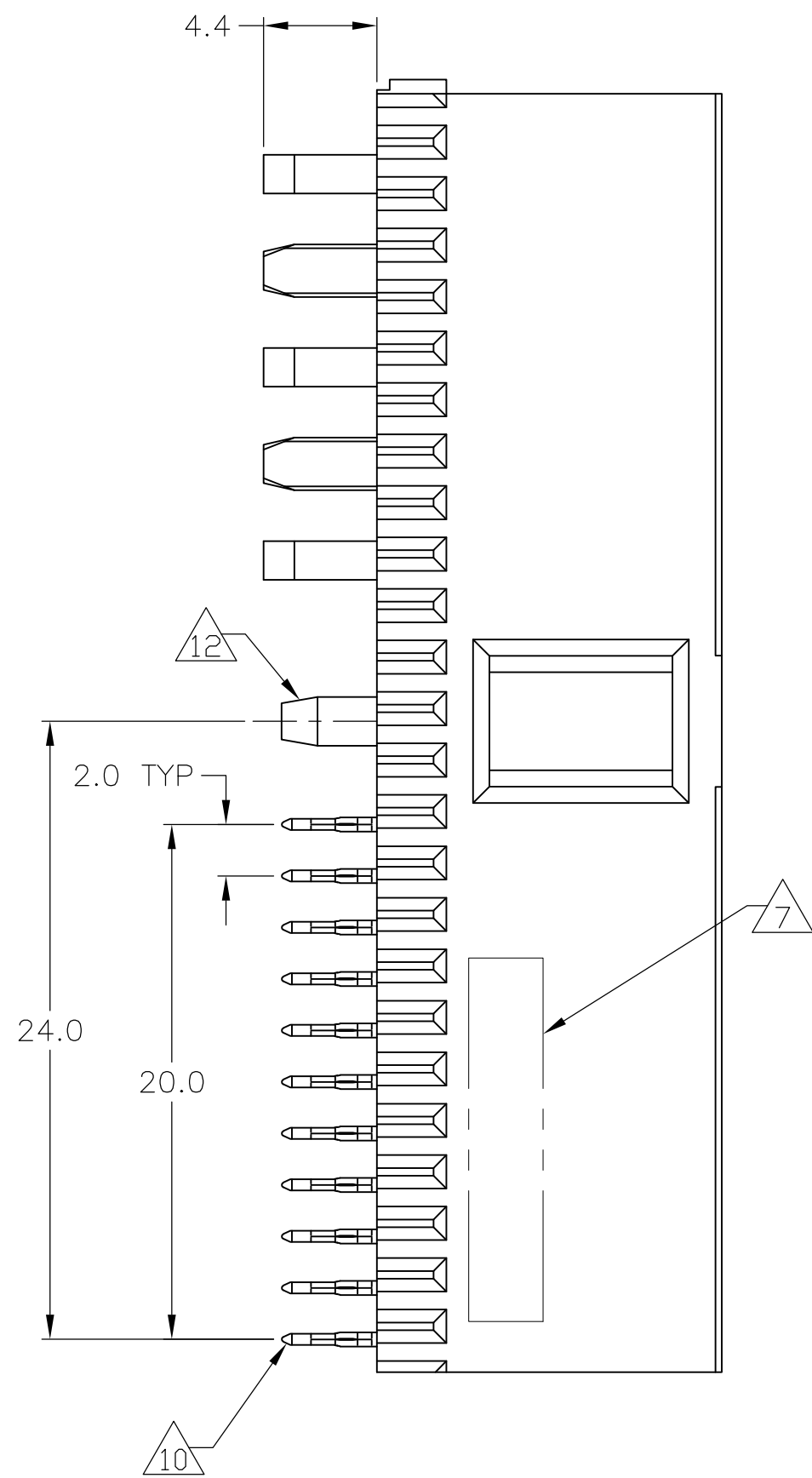
D

C

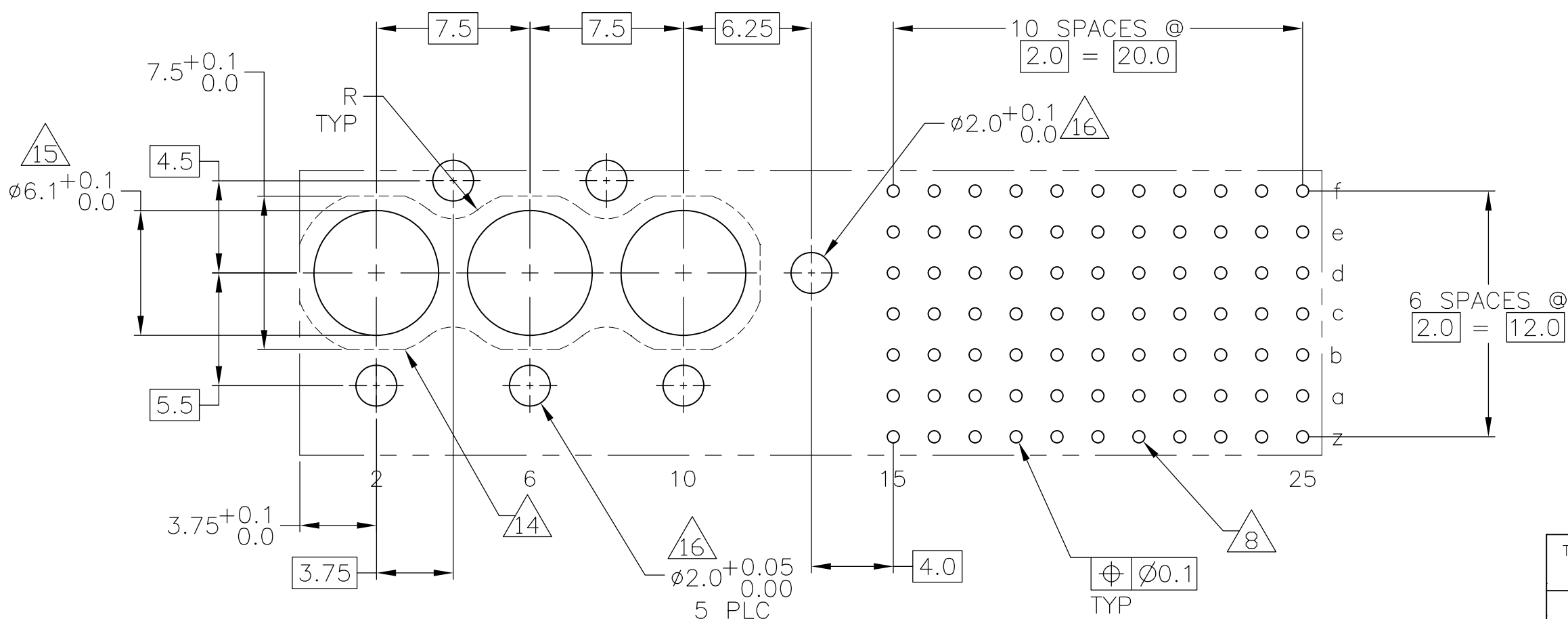
B

A

CONNECTOR ASSEMBLY EXAMPLARY LOADED

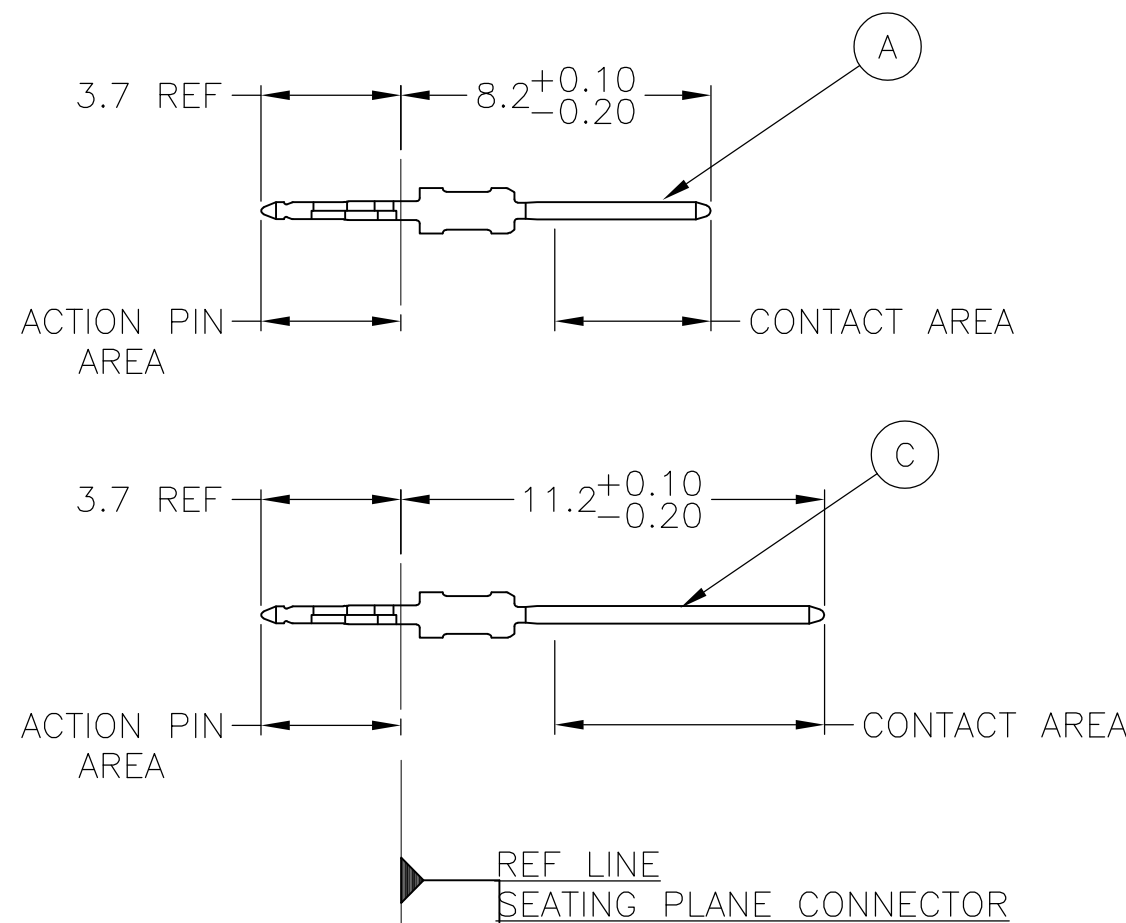


RECOMMENDED PCB-HOLE LAYOUT COMPONENT SIDE SHOWN

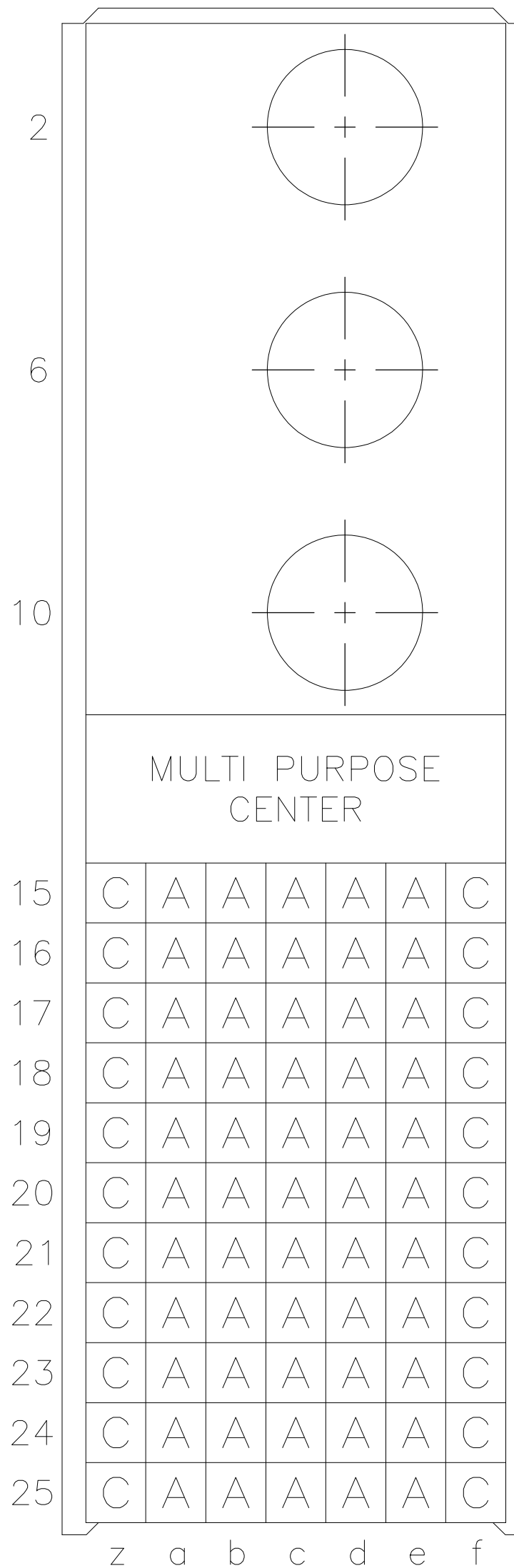


CONTACT DIMENSIONS

SCALE 5:1



CONTACT LAYOUT



PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

2	3	19	3-352049-0
2	6	18	1-352049-9
2	5	18	352049-9
2	4		352049-4
2	3		352049-1
OBSOLETE			
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B CARBO	06DEC05	Tyco Electronics Corporation	
DIMENSIONS: mm		CHK G SKIPPER	06DEC05	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G SKIPPER	06DEC05	NAME	
0-PLG ±		PRODUCT SPEC		MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M	
1-PLG ±0.2		108-19082		SIZE	
2-PLG ±0.02		APPLICATION SPEC		CAGE CODE	
3-PLG ±0.005		114-19029		DRAWING NO	
4-PLG ±		WEIGHT		RESTRICTED TO	
ANGLES ±0.30°		CUSTOMER DRAWING		SCALE 4:1	
SEE TABLE		SHEET 1 OF 2		REV C	

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
- 0.76µm MIN GOLD PLATING AT MATING SURFACES.

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				CHK G.SKIPPER	06DEC05						
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD G.SKIPPER	06DEC05	NAME	MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M				
		0-PLG ±.002		PRODUCT SPEC		108-19082					
		1-PLG ±.02		APPLICATION SPEC		114-19029					
		2-PLG ±0.002		WEIGHT		—					
		3-PLG ±0.005		SIZE		A1					
4-PLG ±.002		ANGLES ±.30°		FINISH		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL SEE SHEET 1		SEE SHEET 1		CUSTOMER DRAWING		SCALE		4:1		SHEET 2 OF 2	
										REV C	