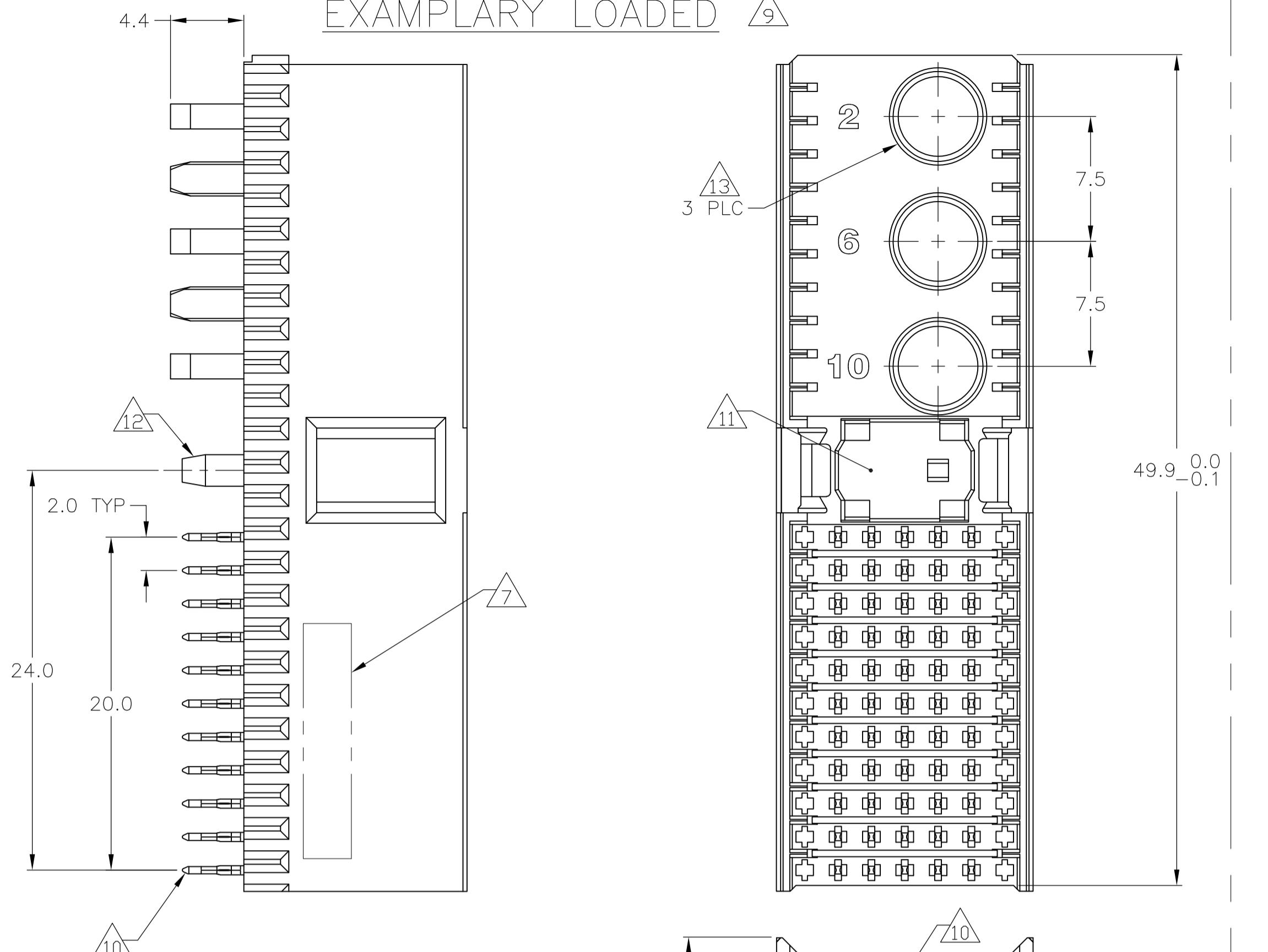
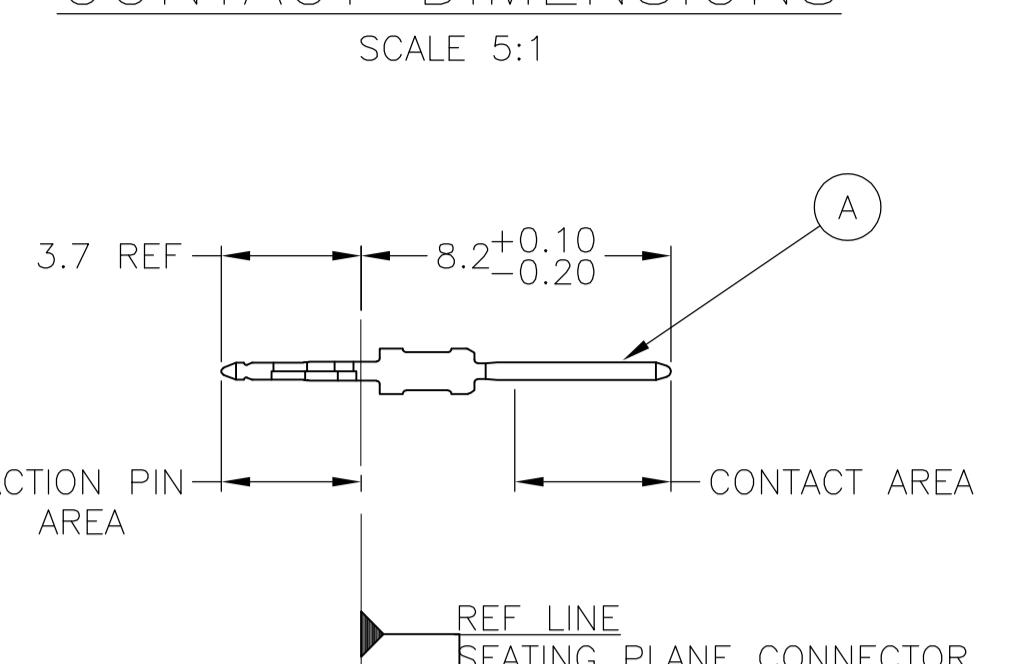


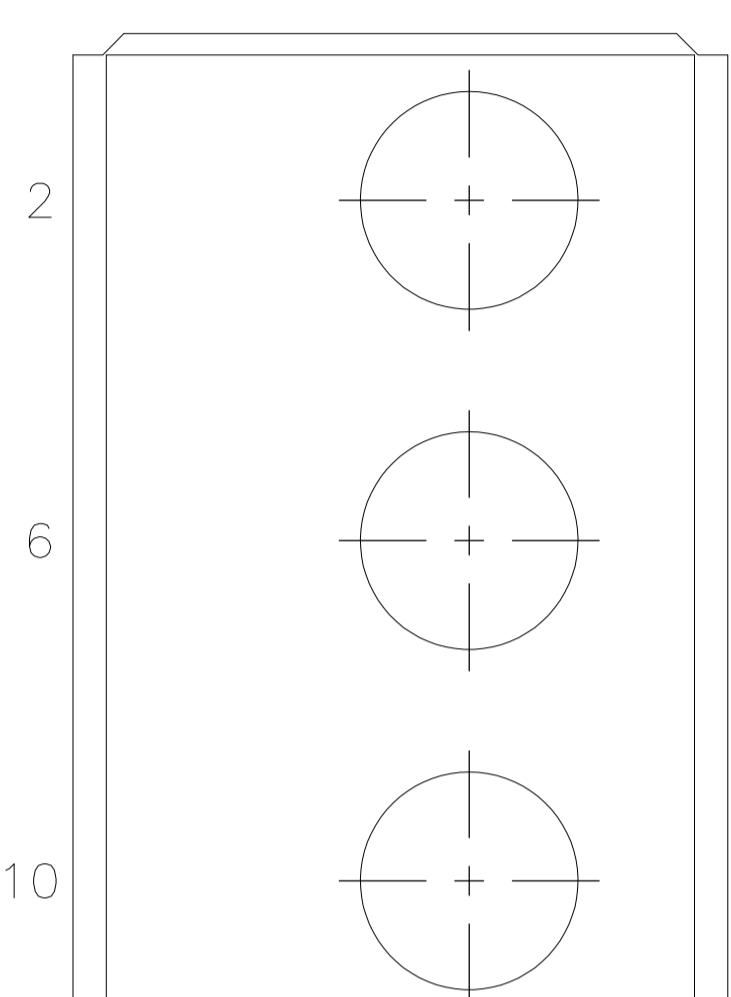
CONNECTOR ASSEMBLY
EXAMPLARY LOADED 



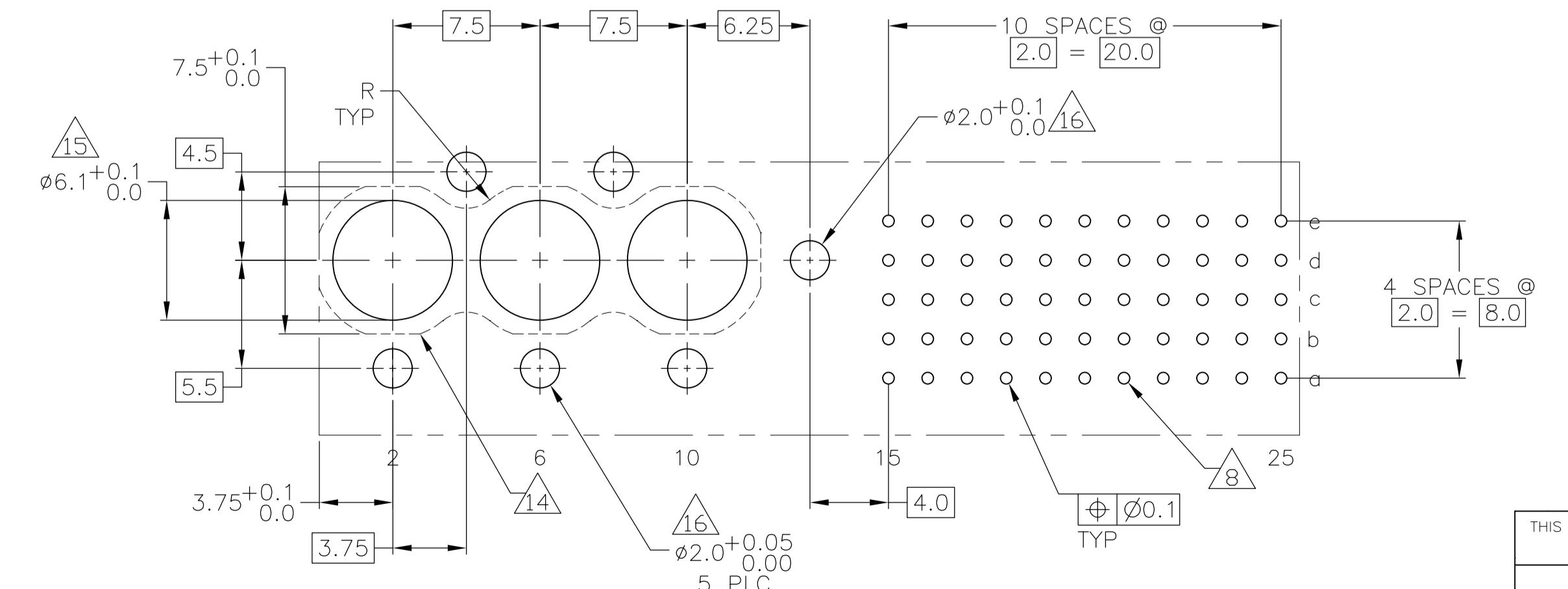
CONTACT DIMENSIONS



CONTACT LAYOUT



RECOMMENDED PCB-HOLE LAYOUT
COMPONENT SIDE SHOWN



PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION

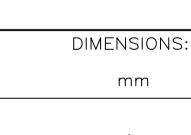
THIS DRAWING IS A CONTROLLED DOCUMENT.	DRW B.CARBO 24JAN05	24JAN05	TYCO Electronics	Tyco Electronics Corporation
DIMENSIONS:	OTHERWISE SPECIFIED	24JAN05	NAME	Harrisburg, Pa 17105-3608
mm			MALE ASSEMBLY, Z-PACK 2mm HM,	
1 PLC	± 0.2		TYPE M	
2 PLC	± 0.02 ± 0.2			
3 PLC	± 0.005			
4 PLC	± 0.03 ± 0.30			
MATERIAL	SEE TABLE			
FINISH				
WEIGHT				
SIZE	CAGE CODE	DRAWING NO		
A1	00779	© 100749		
RESTRICTED TO				
CUSTOMER DRAWING				
SCALE	4:1	1 OF 2	REV	H

19	OBsolete	2 3 20 2 6 18 2 5 18	3-100749-0 1-100749-9 100749-9
	OBsolete	2 4 2 3	100749-4 100749-1

FINISH

PART NUMBER

- 1 MATERIAL:
CONTACT: PHOSPHOR BRONZE.
HOUSING: GLASS-FILLED POLYESTER.
- 2 GENERAL PLATING SPECIFICATION: UNDERPLATING
(ENTIRE CONTACT): 1.27 μ m MIN NICKEL AND ACTION
PIN: 0.5 μ m 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 ENVIRONMENT 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 ϕ 4.8 HIGH CURRENT, HIGH FREQUENCY OR
FIBRE OPTIC CONTACTS AS PER DIN 41626 (SEE ALSO NOTE 14 AND 15).
- 14 PATTERN FOR FIBRE OPTIC CONTACTS.
- 15 NOT PLATED THROUGH HOLES, TO BE REPLACED BY ϕ 5.9 $^{+0.1}_{-0.0}$ 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 0.76 μ m MIN GOLD PLATING AT MATING SURFACES.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DRAWN BY B.CARBO 24JAN05	Tyco Electronics Corporation	
DIMENSIONS:	mm	TOLERANCES UNLESS OTHERWISE SPECIFIED	APVD BY G.SKIPPER 24JAN05	NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE M
0-PIN		± 0.02	PRODUCT SPEC	
2-PIN		$\pm 0.02 \pm 0.02$	108-19082	
3-PIN		± 0.005	APPLICATION SPEC	
4-PIN		± 0.030	114-19029	
MATERIAL	SEE SHEET 1	FINISH SEE SHEET 1	SIZE CAGE CODE DRAWING NO	RESTRICTED TO
			A1 00779 C 100749	—
			CUSTOMER DRAWING	SCALE 4:1 SHEET 2 OF 2 REV H

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