



PLATED THRU HOLES PARAMETERS
 REFERENCE APPLICATION SPECIFICATION

RECOMMENDED PCB-HOLE LAYOUT
 COMPONENT SIDE SHOWN
 SCALE 2.5:1

- 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.
 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 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
 TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.
- 10 10 PLATED THROUGH HOLES FOR UPPER SHIELD, ROW F.
11. SHIELD MOUNTED TO CONNECTOR WITH DOUBLE SIDED ADHESIVE TAPE OR ADHESIVE.

2 6 9	1-5646489-9
2 5 9	5646489-9
2 4 9	5646489-4
2 3 9	5646489-1
FINISH	PART NUMBER

DIMENSIONS:		TOLERANCES UNLESS OTHERWISE SPECIFIED:		MATERIAL:		FINISH:		SEE TABLE	
mm		0. PLC	± -	1. PLC	± 0.2	2. PLC	± 0.02	3. PLC	± -
		4. PLC	± -	ANGLES	± -				

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	B. CARBO	29MAR05	Tyco Electronics Corporation	
CHK	G. SKIPPER	29MAR05	's-Hertogenbosch, Nederland			
APP'D	G. SKIPPER	29MAR05	NAME		RECEPTACLE ASSEMBLY,Z-PACK 2mm HM, TYPE A/B,PRE-SHIELDED,110 POSITION	
PRODUCT SPEC		APPLICATION SPEC	SIZE	A1	CAGE CODE	00779
WEIGHT		DRAWING NO	5646489	RESTRICTED TO		
CUSTOMER DRAWING	SCALE	5:1	SHEET	1 OF 1	REV	A1