

10 SPACES @ 4.0 = 40.0

4.0

22

1.6 SHIELD CONTACT AREA

A

43.9

0.95 MAX

2.0

21 SPACES @ 2.0 = 42.0

7

21.0

8.8

11.40

2.0

10.8

3.7

3.3

5 SPACES @ 2.00 = 10.00

4 SPACES @ 2.00 = 8.00

0.70 CONNECTOR CONTACT AREA

13.85

10.85

4.93 REF

3.7 REF

9.6

11.4

ACTION PIN AREA

SECTION A-A
ROTATED 90° CW

10 SPACES @ 4.0 = 40.0

4 SPACES @ 2.0 = 8.0

2.0

1.5

EDGE OF P. C. BOARD

22

21 SPACES @ 2.0 = 42.0

10.05 (M)

8

0.05 (M)

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/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 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.

12 0.76µm MIN GOLD PLATING AT MATING SURFACES.

2	3	12	3-646489-0
2	6	9	1-646489-9
2	5	9	646489-9
2	4		646489-4
2	3		646489-1
FINISH			PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN B CARBO	06DEC05	Tyco Electronics Corporation 's-Hertogenbosch, Nederland	
DIMENSIONS: mm		CHK G SKIPPER	06DEC05	NAME	
		APVD G SKIPPER	06DEC05	PRODUCT SPEC	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLD ± 1-PLD ±0.2 2-PLD ±0.02 3-PLD ± 4-PLD ± ANGLES ±		APPLICATION SPEC		SIZE A1	
MATERIAL		WEIGHT		CAGE CODE 00779	
SEE TABLE		CUSTOMER DRAWING		DRAWING NO 646489	
SCALE 5:1				SHEET 1 OF 1	
				REV C	

AMP 4805 REV 31MAR2000