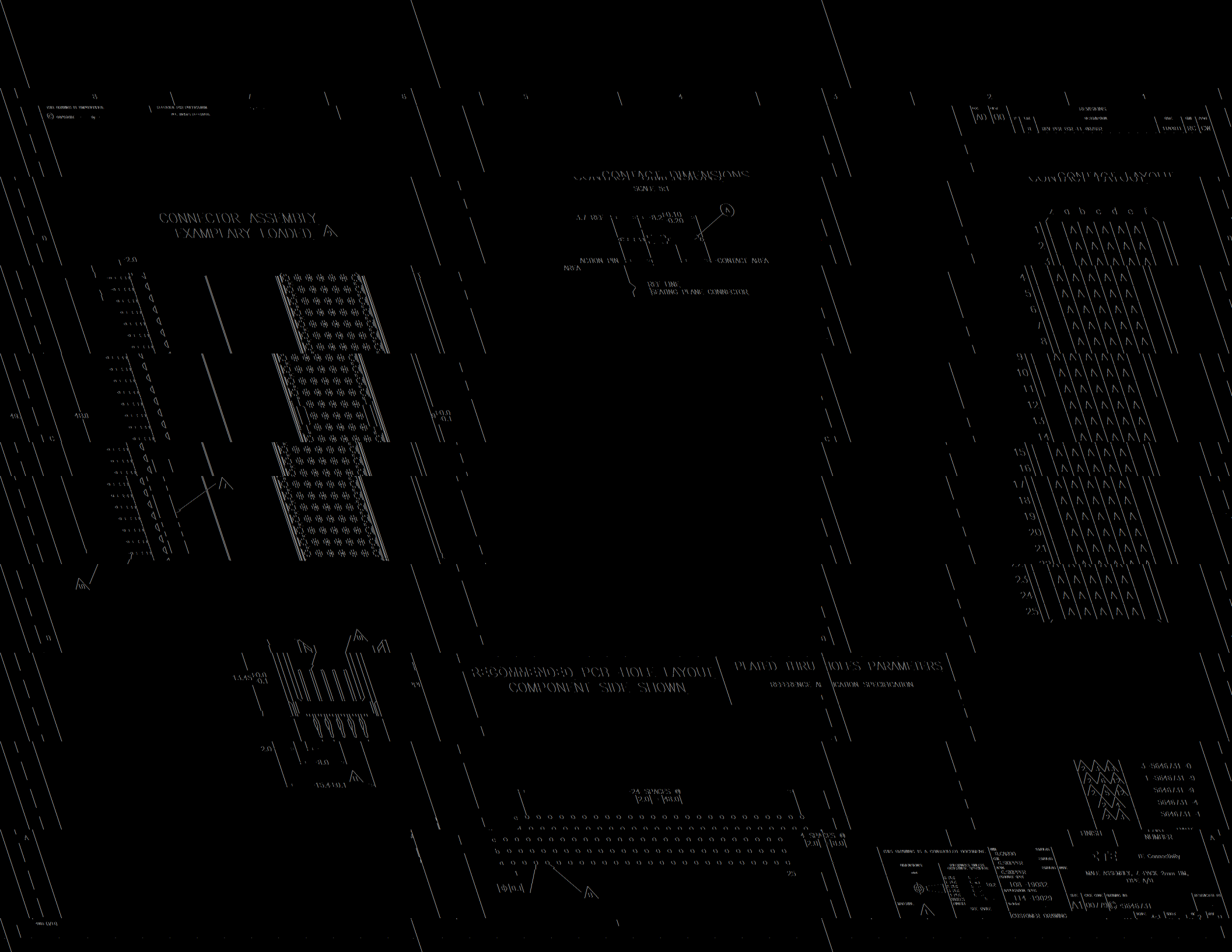
CONNECTOR ASSEMBLY
EXAMPLARY LOADED
CONTACT DIMENSIONS
SCALE 5:1
3.7 REF
8.2 +0.10 -0.20
ACTION PIN AREA
CONTACT AREA
REF LINE
SEATING PLANE CONNECTOR
CONTACT LAYOUT
RECOMMENDED PCB HOLE LAYOUT
COMPONENT SIDE SHOWN
PLATED THRU HOLES PARAMETERS
REFERENCE APPLICATION SPECIFICATION
24 SPACES @ 2.0 = 48.0
4 SPACES @ 2.0 = 8.0
15.4 ±0.1
13.45 +0.0 -0.1
2.0
8.0
5-5646731-0
1-5646731-9
5646731-9
5646731-4
5646731-1
FINISH
NUMBER
TE Connectivity
MALE ASSEMBLY, 2-PACK 2mm HM, VERT, A/O
108-19082
114-19029
CUSTOMER DRAWING
A1 0079196 © 5646731

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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 DAU.
   FOR PLATING OF MATING SURFACES SEE APPLICABLE SPECIFICATION REFERENCE FOR EACH DASH NUMBER.

3. CONFORMS TO ALL TESTING ACCORDING TO IEC 810/6-4-101 PERFORMANCE LEVEL 2.

4. CONFORMS TO ALL TESTING ACCORDING TO IEC 810/6-4-101 PERFORMANCE LEVEL 1.

5. CONNECTOR TESTED AND QUALIFIED AGAINST TYCO/AMP GR-1217-CORE QUALITY LEVEL 3, CENTRAL OFFICE APPLICATIONS.

6. CONNECTOR TESTED AND QUALIFIED AGAINST TYCO/AMP GR-1217-CORE QUALITY LEVEL 2 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 DESCRETION.

8. PLATED THROUGH HOLES AT 2x2mm SQUARE GRID
   PITCH DEFINED THE CONTACT CENTERS.

9. FOR ACTUAL PIN LOADING SEE "CONTACT LAYOUT".

10. FOR ACTUAL PIN DIMENSIONS SEE "CONTACT DIMENSIONS".

11. TO BE MEASURED AT BOTTOM OF STROUD.

12. CONNECTOR LUBRICATED WITH DECORE APPROVED LUBRICANT, TECHNICAL REFERENCE: DR NMT 001217 ISSUE 1, SEP 1992.

13. 0.76mm MIN. GOLD PLATING AT MATING SURFACES.

REV	DESCRIPTION	DATE
A1	INITIAL RELEASE	10-NOV-1992

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS ARE IN MILLIMETERS	DIMENSIONS ARE IN INCHES	SCALE: NONE
		SHEET 1 OF 1

CUSTOMER DRAWING

TE Connectivity

MALE ASSEMBLY, 2-PACK 2mm HM, VERT, A/O

A1 | 007190 | C-5645-31