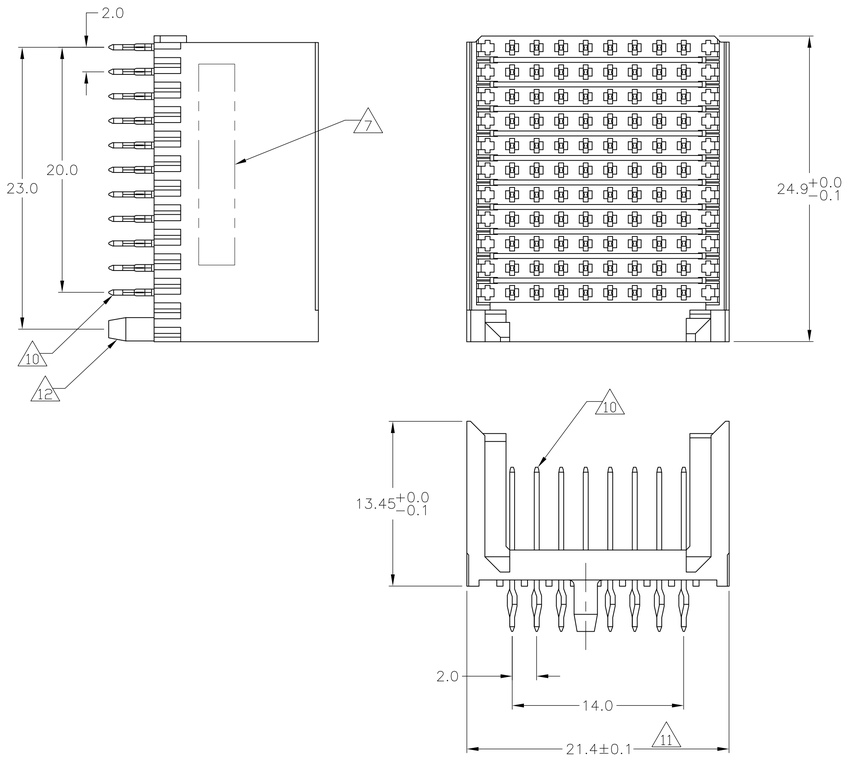
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| LOC | DIST |
|---|---|
| AD | 00 |

REVISIONS

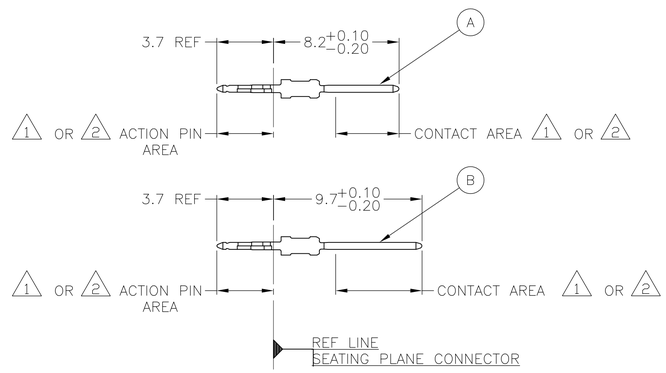
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
|---|---|---|---|---|---|
| | A | REVISED PER ECN 0S12-0303-05 | 17APR06 | JDP | GES |
| | B | ECR-10-018652 | 10SEP10 | JS | MQW |

## CONNECTOR ASSEMBLY EXAMPLARY LOADED △9




## CONTACT DIMENSIONS

SCALE 5:1

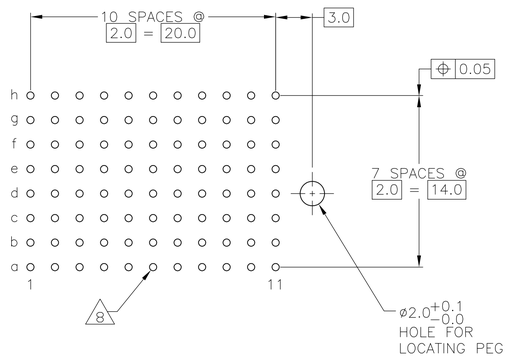



## CONTACT LAYOUT

| | z | a | b | c | d | e | f | g | h | i |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | A | B | B | B | B | B | B | B | |
| 2 | | B | B | B | B | B | B | B | B | |
| 3 | | B | B | B | B | B | B | B | B | |
| 4 | | B | B | B | B | B | B | B | B | |
| 5 | | B | B | B | B | B | B | B | B | |
| 6 | | B | B | B | B | B | B | B | B | |
| 7 | | B | B | B | B | B | B | B | B | |
| 8 | | B | B | B | B | B | B | B | B | |
| 9 | | B | B | B | B | B | B | B | B | |
| 10 | | B | B | B | B | B | B | B | B | |
| 11 | | B | B | B | B | B | B | B | B | |

GUIDING

## **RECOMMENDED** PCB-HOLE LAYOUT COMPONENT SIDE SHOWN




## PLATED THRU HOLES PARAMETERS

REFERENCE APPLICATION SPECIFICATION

| | |
|---|---|
| △1 △3 | 1-6645167-9 |
| △2 △3 | 6645167-9 |
| △1 | 6645167-4 |
| △2 | 6645167-1 |
| FINISH | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± 0.2
2 PLC ± 0.03 ±0.2
3 PLC ± 0.005
4 PLC ± —
ANGLES ± 0°30'

MATERIAL △1

FINISH SEE TABLE

| | |
|---|---|
| DWN B.CARBO | 24MAY05 |
| CHK G.SKIPPER | 24MAY05 |
| APVD G.SKIPPER | 24MAY05 |
| PRODUCT SPEC | 108-19082 |
| APPLICATION SPEC | 114-19029 |
| WEIGHT | — |

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME: MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6645167 | — |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 1 OF 2 | REV B

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| LOC | DIST |
|---|---|
| AD | 00 |

REVISIONS

| 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.
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 TO BE MEASURED AT BOTTOM OF SHROUD.

△12 LOCATION PEG.

△13 CONNECTOR LUBRICATED WITH BELCORE APPROVED LUBRICANT,
TECHNICAL REFERENCE: TR-NWT-001217 ISSUE 1, SEP 1992.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± —
1 PLC ± 0.2
2 PLC ± 0.02 ±0.2
3 PLC ± 0.005
4 PLC ± —
ANGLES ± 0°30'

MATERIAL: SEE SHEET 1
FINISH: SEE SHEET 1

DWN B. CARBO 24MAY05
CHK G.SKIPPER 24MAY05
APVD G.SKIPPER 24MAY05
PRODUCT SPEC 108-19082
APPLICATION SPEC 114-19029
WEIGHT —

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

NAME MALE ASSEMBLY, Z-PACK 2mm HM, TYPE F

| SIZE | CAGE CODE | DRAWING NO | RESTRICTED TO |
|---|---|---|---|
| A1 | 00779 | C-6645167 | — |

CUSTOMER DRAWING | SCALE 4:1 | SHEET 2 OF 2 | REV B