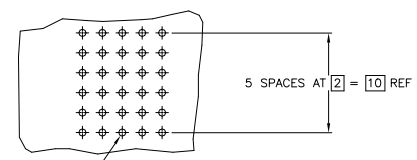
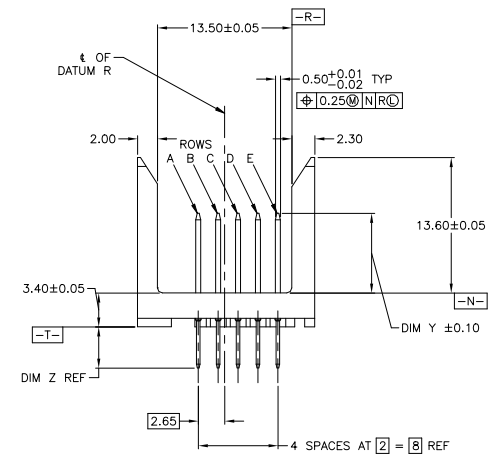
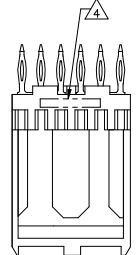
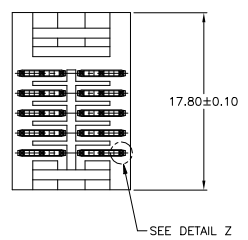
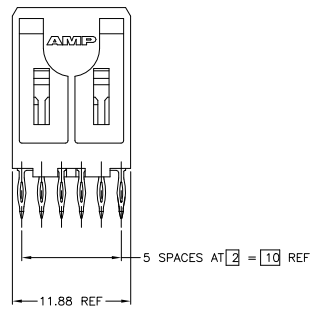
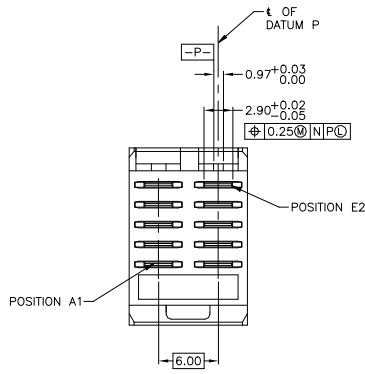


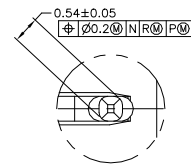
| REVISIONS | | | | |
|-----------|-----|---------------------------|-----------|--------|
| P | LNK | DESCRIPTION | DATE | BY/APP |
| A3 | | REVISED PER ECO-20-013368 | 24SEP2020 | RZ HL |



Ø0.725 ± 0.075
PLATED THROUGH HOLE
30 PLC
Ø0.15

RECOMMENDED CIRCUIT PATTERN
PER IPC-D300 TYPE II, CLASS C
(COMPONENT SIDE)

- 1 HOUSING MATERIAL: LIQUID CRYSTAL POLYMER, NATURAL.
- 2 CONTACT MATERIAL: COPPER ALLOY.
- 3 CONTACT FINISH:
UNDERPLATE (ENTIRE CONTACT):
0.00127 MIN NICKEL PER SAE-AMS-QQ-N-290
ON MATING SURFACES:
FLASH GOLD PER ASTM B 488, OVER
0.00076 MIN PALLADIUM-NICKEL OVER UNDERPLATE, OR
0.00076 MIN GOLD PER ASTM B 488 OVER UNDERPLATE.
ON LEADS:
0.00127 MIN MATTE TIN PER ASTM B 545 OVER UNDERPLATE.
LUBRICATION (MIN MATING SURFACES):
SURFACE CONDITIONER AFTER PLATING.
- 4 PART NUMBER AND DATE CODE IN APPROXIMATE AREA AS SHOWN.



DETAIL Z
SCALE 20:1

| | | | |
|--|--|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | REV: T. SHUEY 1-7-98 | TE Connectivity Ltd. |
| DIMENSIONS: mm | | REV: W. MILLIHIMS 1-16-98 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | UNIT: MILLIHIMS | NAME: ASSEMBLY, PIN, VERTICAL, 5 ROW, POWER MODULE, PRESS FIT |
| Ø 1.14 - 1.075 | | PRODUCT SPEC: 108-1441 | LEAD, Z-PACK 2mm HM |
| MATERIAL: | | APPLICATION SPEC: 114-1075 | SIZE: ONE CODE DRAWING NO: A100779 |
| FINISH: | | RESTRICTED TO: CUSTOMER DRAWING | SCALE: 4:1 SHEET: 1 OF 2 REV: A3 |

| REVISIONS | | | |
|-----------|------|----|-----|
| REV | DATE | BY | APP |
| - | - | - | - |
| - | - | - | - |

| | | | |
|----------------|-------------|-------|-------|
| AD | 4 | 5.00 | 4.25 |
| AC | 3 | 8.00 | 4.25 |
| AB | 2 | 7.25 | 4.25 |
| AA | 1 | 6.50 | 4.25 |
| CONTACT LETTER | ITEM NUMBER | DIM Y | DIM Z |

| | | | | |
|-----|----|----|-----|-------------|
| E | AA | AA | E | 5536642-1 |
| D | AA | AA | D | |
| C | AA | AA | C | |
| B | AA | AA | B | |
| A | AA | AA | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AA | AC | E | 5536642-6 |
| D | AA | AC | D | |
| C | AA | AC | C | |
| B | AA | AC | B | |
| A | AA | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AB | AB | E | 1-5536642-6 |
| D | AB | AB | D | |
| C | AB | AB | C | |
| B | AC | AC | B | |
| A | AC | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AA | AA | E | 5536642-4 |
| D | AA | AA | D | |
| C | AB | AB | C | |
| B | AC | AC | B | |
| A | AC | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| OBSOLETE | | | | |
|----------|----|----|-----|-------------|
| E | AC | AC | E | 5536642-7 |
| D | AC | AC | D | |
| C | AC | AC | C | |
| B | AC | AC | B | |
| A | AC | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AB | AB | E | 2-5536642-4 |
| D | AA | AA | D | |
| C | AB | AB | C | |
| B | AA | AA | B | |
| A | AB | AB | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| OBSOLETE | | | | |
|----------|----|----|-----|-------------|
| E | AA | AA | E | 5536642-5 |
| D | AA | AA | D | |
| C | AA | AA | C | |
| B | AC | AC | B | |
| A | AA | AA | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AC | AC | E | 1-5536642-0 |
| D | AB | AB | D | |
| C | AD | AD | C | |
| B | | | B | |
| A | AC | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |




CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AC | AA | E | 2-5536642-5 |
| D | AC | AA | D | |
| C | AC | AA | C | |
| B | AC | AA | B | |
| A | AC | AA | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | | |
|-----|----|----|-----|-------------|
| E | AA | AA | E | 2-5536642-6 |
| D | AB | AB | D | |
| C | AC | AC | C | |
| B | | | B | |
| A | AB | AC | A | |
| ROW | 1 | 2 | ROW | PART NUMBER |

CONTACT LOAD CHART

| | | | |
|---|--|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | REV: T-SHUEY 1-7-98 |  TE Connectivity Ltd. |
| DIMENSIONS: mm | | DATE: 1-10-98 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | APP: W MILLIMETERS | ASSEMBLY, PIN, VERTICAL, 5 ROW, POWER MODULE, PRESS FIT LEAD, Z-PACK 2mm HM |
|  0 P.C. ± 1 P.C. ± 2 P.C. ± 3 P.C. ± 4 P.C. ± 5 P.C. ± 6 P.C. ± 7 P.C. ± 8 P.C. ± 9 P.C. ± 10 P.C. ± | | PRODUCT SPEC: 108-1441 APPLICATION SPEC: 114-1075 MFG: 114-1075 | |
| MATERIAL:  | | SIZE: ONE CODE (FROM 10) STOCK: A100779 | RESTRICTED TO: --- CUSTOMER DRAWING: C-5536642 SCALE: 4:1 SHEET: 2 OF 2 REV: A3 |