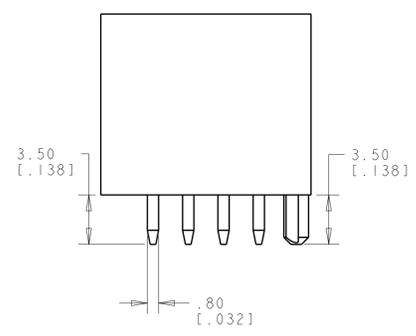
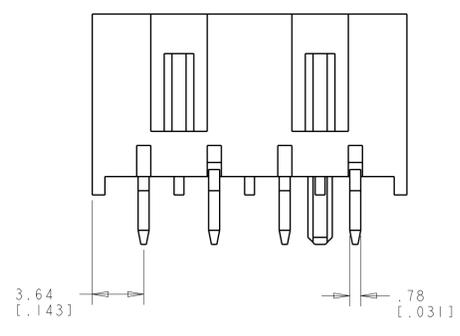
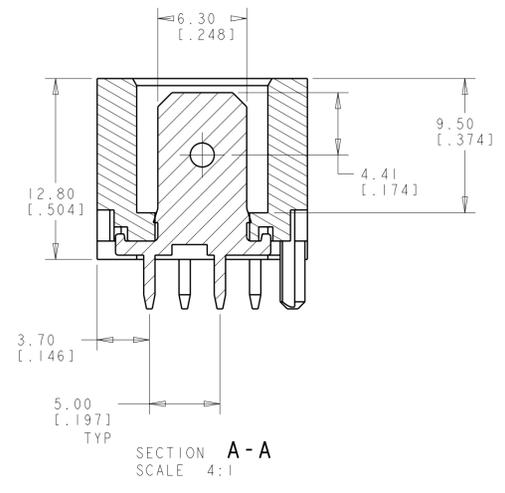
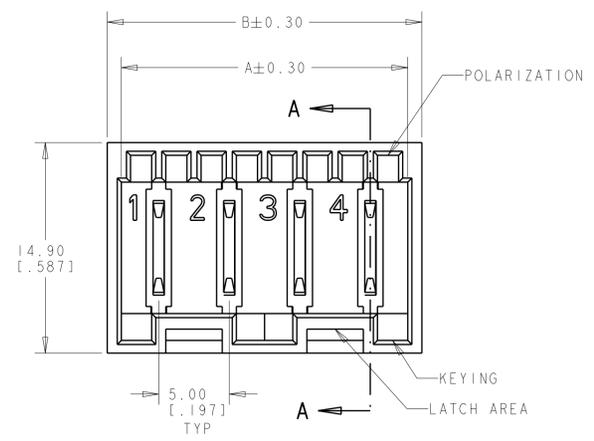
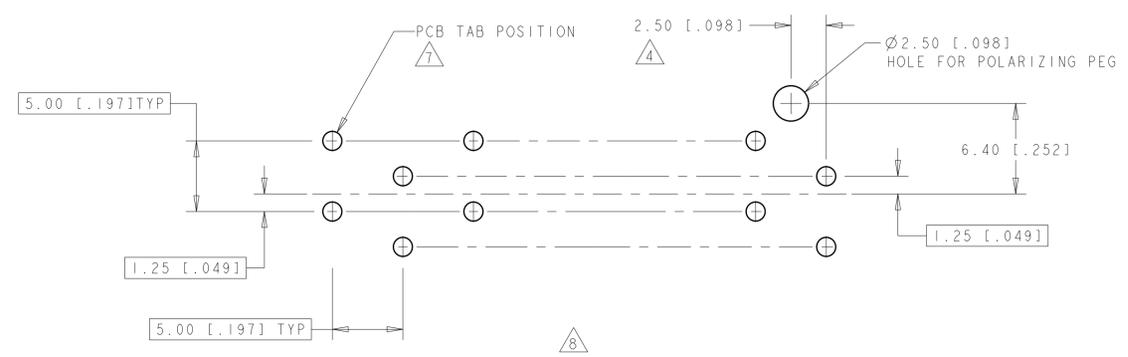


| LOC | DIST | REVISIONS | | | |
|-----|------|-------------|---------------------------|-----------|--------|
| REV | DATE | DESCRIPTION | DATE | DWN | APVD |
| AF | 50 | C5 | REVISED PER ECR-08-010391 | 20JUN2008 | HMR RL |



- HOUSING HAS RAST 5 COMPLIANT KEYING, LATCHING, AND POLARIZATION. TAB IS 6.3 x 0.8 [.248 x .032] ACCORDING TO DIN 46244.
 - POSSIBLE MATING CONNECTOR FAMILIES INCLUDE STANDARD TIMER RAST 5, MULTIFITTING, MULTIFITTING MKII, AND MONO-SHAPE TAB CONNECTORS.
 - SEE SHEET 2 FOR AVAILABLE CONFIGURATIONS.
- ⚠️ DIMENSION OFF OF LAST POSITION REGARDLESS OF EVEN OR ODD POSITION CONNECTOR.
 - ⚠️ MATERIAL: HOUSING, NYLON 66, UL 94V-0. CONTACT, BRASS, 0.8 mm THICK.
 - ⚠️ FINISH: CONTACTS, 3.8 μm MIN TIN OVER 1.3 μm MIN NICKEL.
 - ⚠️ PCB TABS INSERTED IN A STAGGERED PATTERN BEGINNING WITH POSITION 1.
 - ⚠️ SELECTED HOLES MAY BE 1.05+0.05/-0.00 DIA [.041+.002/- .001 DIA] FOR IMPROVED (PRESS-FIT) RETENTION TO P.C.B. PRIOR TO SOLDERING.
 - 9. PRODUCT QUALIFICATION PER 108-2183
 - ⚠️ PRELIMINARY - NOT FOR PRODUCTION



PCB LAYOUT - COMPONENT SIDE
 PCB 1.5±0.2 [.059±.007] THICK
 SCALE 4:1

| | | |
|------|------|-------------|
| 47.3 | 45.3 | 9 |
| 42.3 | 40.3 | 8 |
| 37.3 | 35.3 | 7 |
| 32.3 | 30.3 | 6 |
| 27.3 | 25.3 | 5 |
| 22.3 | 20.3 | 4 |
| 17.3 | 15.3 | 3 |
| 12.3 | 10.3 | 2 |
| B | A | NO. OF POS. |

| | | | | | |
|--|--|--|--|---|--|
| DIMENSIONS: mm [INCHES] TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ± 2 PLC ±0.25(.010) 3 PLC ± 4 PLC ± ANGLES ±2° | | DWN R FLAIG 02MAR2004 CHK J HUMMEL 02MAR2004 APVD J HUMMEL 02MAR2004 | | Tyco Electronics Harrisburg, PA 17105-3608 | |
| MATERIAL: - FINISH: - | | PRODUCT SPEC: 108-2183 APPLICATION SPEC: - | | NAME: ASSEMBLY, DIN, RAST 5, HEADER, VERTICAL | |
| WEIGHT: - CUSTOMER DRAWING | | SIZE: A1 00779 C=521383 SCALE: 4:1 | | SHEET 1 OF 3 REV C5 | |

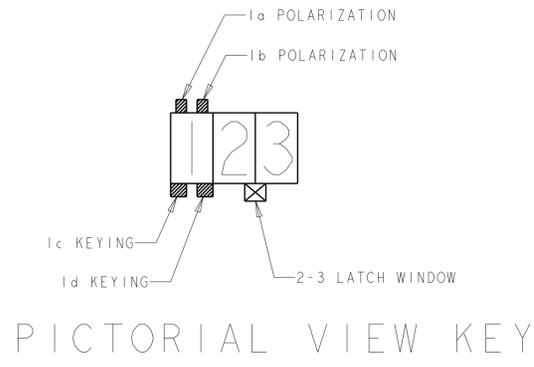
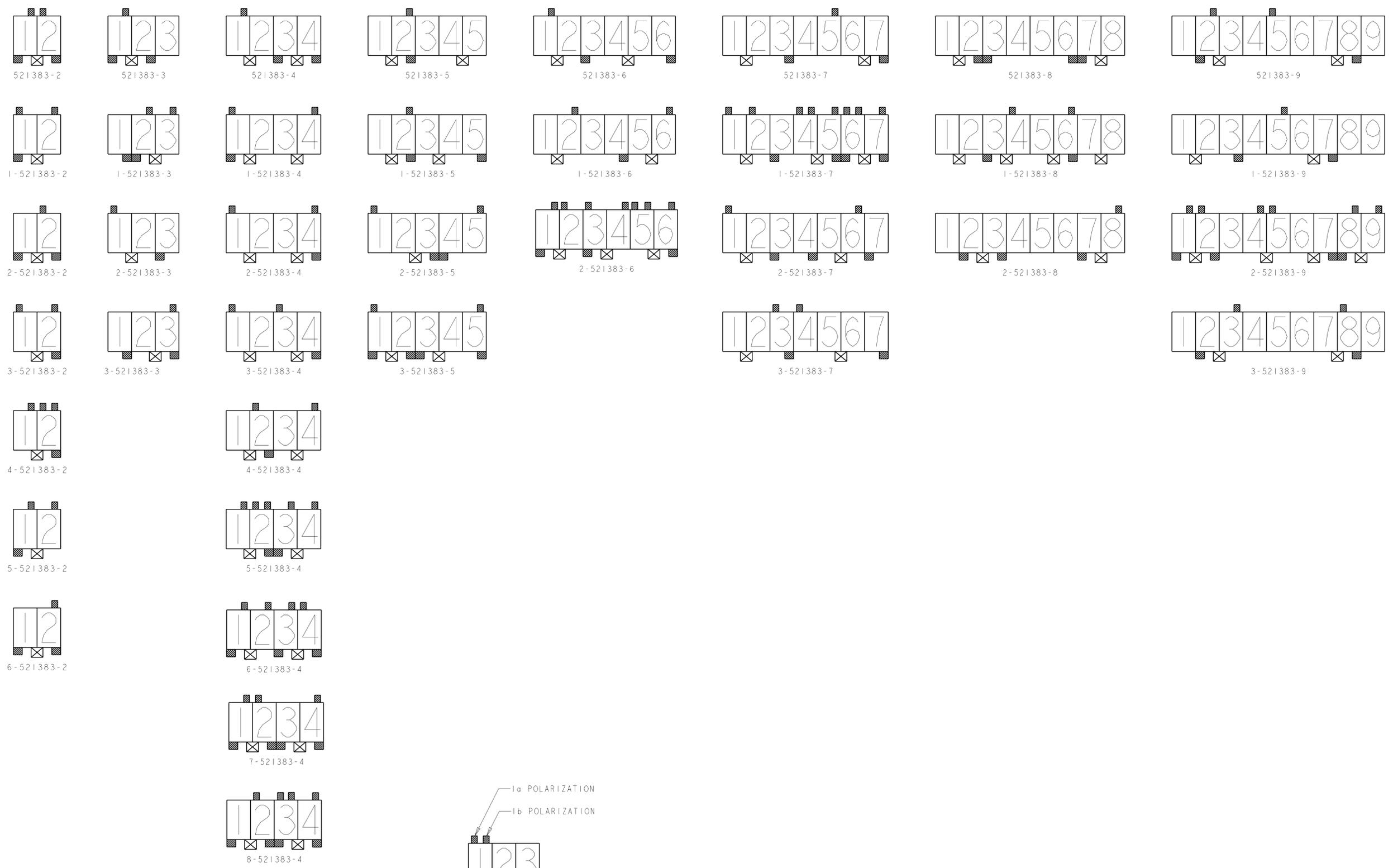
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| LOC | | DIST | | REVISIONS | | | |
|-----|----|------|-----|-------------|------|-----|------|
| AF | 50 | P | LTB | DESCRIPTION | DATE | DWN | APVD |
| - | - | - | - | SEE SHEET 1 | - | - | - |

| | | | | | | |
|-----------------------|----------------|-----------------------------------|-------------|---------------|----|-------------|
| 1-2, 3-4, 5-6 | 1c, 3c, 6d | 1b, 2a, 3a, 4b 5a, 5b, 6b | 6 | - | 10 | 2-521383-6 |
| 2-3, 7-8 | 2c, 8d | 3b, 8a | 9 | - | 10 | 3-521383-9 |
| 1-2, 4-5, 6-7, 8-9 | 1c, 2d, 7d, 8c | 1b, 2a, 4b, 5a, 8b, 9b | 9 | - | 10 | 2-521383-9 |
| 1-2, 6-7 | 3d, 7d | 5b | 9 | 09-D | 10 | 1-521383-9 |
| 2-3, 7-8 | 2c, 8d | 2b, 5a | 9 | 09-C +2c | 10 | 521383-9 |
| 2-3, 7-8 | 2c, 3d, 7c | 8b | 8 | 08-C | | 2-521383-8 |
| 1-2, 3-4, 5-6 7-8 | 3c, 6d | 4a, 6b | 8 | - | | 1-521383-8 |
| 1-2, 7-8 | 2d, 3c, 6d, 7c | - | 8 | 08-D | | 521383-8 |
| 1-2, 5-6 | 3d, 7d | 3a, 4a | 7 | - | | 3-521383-7 |
| 1-2, 5-6 | 3c, 4d, 7c | 1a, 6b | 7 | - | | 2-521383-7 |
| 1-2, 4-5, 6-7 | 3c, 5d, 6c, 7d | 1a, 2a, 4a, 4b, 5b, 6a, 6b, 7b | 7 | - | | 1-521383-7 |
| 1-2, 6-7 | 3d, 7d | 5b | 7 | 07-C | | 521383-7 |
| 1-2, 5-6 | 4d | 2b, 6b | 6 | 06-D | | 1-521383-6 |
| 1-2, 4-5 | 3c, 6d | 1b | 6 | 06-A | | 521383-6 |
| 1-2, 3-4 | 1c, 2d, 3c, 5d | 1a, 5b | 5 | - | | 3-521383-5 |
| 2-3 | 3d, 4c | 1a, 5b | 5 | - | | 2-521383-5 |
| 1-2, 3-4 | 2d, 5d | 2b | 5 | - | | 1-521383-5 |
| 1-2, 4-5 | 2d | 2b | 5 | 05-B | | 521383-5 |
| 1-2, 3-4 | 1c, 2d, 3c, 4d | 2a, 3a, 3b, 4b | 4 | - | 10 | 8-521383-4 |
| 1-2, 3-4 | 1c, 2d, 3c, 4d | 1b, 2a, 4b | 4 | - | 10 | 7-521383-4 |
| 1-2, 3-4 | 1c, 3c, 4d, | 1b, 2b, 3b, 4a | 4 | - | 10 | 6-521383-4 |
| 1-2, 3-4 | 2d, 3c | 1b, 2a, 2b, 3b, 4b | 4 | - | | 5-521383-4 |
| 1-2, 3-4 | 2d | 2a, 4b | 4 | 04-G | | 4-521383-4 |
| 1-2, 3-4 | 4d | 1a, 3a | 4 | 04-F | | 3-521383-4 |
| 1-2, 3-4 | 4d | 1a, 4b | 4 | 04-C | | 2-521383-4 |
| 1-2, 3-4 | 1c | 1a, 4b | 4 | 04-B | | 1-521383-4 |
| 1-2, 3-4 | 3c, 4d | 1b | 4 | 04-A | | 521383-4 |
| 2-3 | 1d, 3d | 3b | 3 | - | | 3-521383-3 |
| 1-2 | 3c | 1a | 3 | 03-D | | 2-521383-3 |
| 2-3 | 1d, 2c | 2b, 3b | 3 | 03-B | | 1-521383-3 |
| 1-2 | 1c, 2d | 1b | 3 | 03-A | | 521383-3 |
| 1-2 | 1c, 2d | 2b | 2 | 02-P | | 6-521383-2 |
| 1-2 | 1c | 1b, 2b | 2 | 02-I | | 5-521383-2 |
| 1-2 | 2d | 1b, 2a, 2b | 2 | 02-G | | 4-521383-2 |
| 1-2 | 2d | 1a, 2b | 2 | 02-E | | 3-521383-2 |
| 1-2 | 1c, 2d | 2a | 2 | 02-C | | 2-521383-2 |
| 1-2 | 1c | 1a, 2b | 2 | 02-B | | 1-521383-2 |
| 1-2 | 1c, 2d | 1b, 2a | 2 | 02-A | | 521383-2 |
| LATCH WINDOWS | KEYING | POLAR. | NO. OF POS. | RAST 5 DESIG. | | PART NUMBER |

| | | | |
|---|--|---|---|
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| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.25(.010) 5 PLC ± 4 PLC ± ANGLES ±2° FINISH | NAME ASSEMBLY, DIN, RAST 5, HEADER, VERTICAL PRODUCT SPEC 108-2183 APPLICATION SPEC | SIZE CAGE CODE DRAWING NO RESTRICTED TO A 00779 C=521383 |
| MATERIAL | FINISH | WEIGHT | SCALE 4:1 SHEET 2 OF 3 REV C.5 |
| CUSTOMER DRAWING | | | |

| LOC | DIST | REV | DATE | BY | APPD |
|-----|------|-------------|------|------|------|
| AF | 50 | - | - | - | - |
| | | DESCRIPTION | | DATE | DWN |
| | | SEE SHEET 1 | | - | - |



| | | | |
|--|--|--|--|
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| DIMENSIONS: mm [INCHES] | TOLERANCES UNLESS OTHERWISE SPECIFIED: 9 PLC ± 1 PLC ±0.25 (0.010) 3 PLC ± 4 PLC ± ANGLES ±2° | NAME 108-2183 APPLICATION SPEC | ASSEMBLY, DIN, RAST 5, HEADER, VERTICAL |
| MATERIAL - FINISH - | WEIGHT - CUSTOMER DRAWING | SIZE CAGE CODE DRAWING NO A11 00779 C=521383 | RESTRICTED TO SCALE 4:1 SHEET 3 OF 3 REV C5 |

Mouser Electronics

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