



- 1 HOUSING: FLAME RETARDANT, GLASS FILLED, POLYESTER, COLOR: BLACK. CONTACT: PHOSPHOR BRONZE
- 2 CONTACT: DUPLEX PLATED 0.76µm[.000030] MIN GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] BRIGHT TIN-LEAD ON LEADS ALL OVER 1.27µm[.000050] MIN NICKEL
- 3 THESE DIMENSIONS PERTAIN TO CAVITY CENTERLINES ONLY - NOT TO CONTACT LOCATIONS
- 4 PART NUMBER AND DATE CODE ARE MARKED IN APPROXIMATE LOCATION SHOWN, EITHER SIDE.
- 5 TOLERANCE IS NON-CUMULATIVE.
- 6 2 POSITION DATE CODE IS MARKED OPPOSITE SIDE OF TE CONNECTIVITY LOGO.
- 7 POINT-OF-MEASUREMENT DIMENSION FOR PLATING THICKNESS (INSIDE CONTACT BEAM).
- 8 POINT-OF-CONTACT DIMENSION.
- 9 NO PART NUMBER MARKING REQUIRED FOR THIS PART.
- 10 TE LOGO AND CSA LOGO ARE MOLDED INTO HOUSING.
- 11 CONTACT: DUPLEX PLATED 0.76µm[.000030] MIN GOLD IN CONTACT AREA, 3.81-7.62µm[.000150-.000300] MATTE TIN ON LEADS ALL OVER 1.27µm[.000050] MIN NICKEL
- 12 ROHS 2002/95/EC COMPLIANT.

| | | | | | | | | |
|----|---|---------------|----------------|-------------|-------------|-------------|----|------------|
| 6 | 9 | OBSOLETE | | 2.54 [.100] | 5.08 [.200] | 2 | 12 | 8-535541-9 |
| | | 99.06 [3.900] | 101.60 [4.000] | 40 | 12 | 8-535541-8 | | |
| 11 | 9 | 96.52 [3.800] | 99.06 [3.900] | 39 | 12 | 8-535541-7 | | |
| | | 93.98 [3.700] | 96.52 [3.800] | 38 | 12 | 8-535541-6 | | |
| 9 | 9 | 91.44 [3.600] | 93.98 [3.700] | 37 | 12 | 8-535541-5 | | |
| | | 88.90 [3.500] | 91.44 [3.600] | 36 | 12 | 8-535541-4 | | |
| 9 | 9 | 86.36 [3.400] | 88.90 [3.500] | 35 | 12 | 8-535541-3 | | |
| | | 83.82 [3.300] | 86.36 [3.400] | 34 | 12 | 8-535541-2 | | |
| 9 | 9 | 81.28 [3.200] | 83.82 [3.300] | 33 | 12 | 8-535541-1 | | |
| | | 78.74 [3.100] | 81.28 [3.200] | 32 | 12 | 8-535541-0 | | |
| 9 | 9 | 76.20 [3.000] | 78.74 [3.100] | 31 | 12 | 7-535541-9 | | |
| | | 73.66 [2.900] | 76.20 [3.000] | 30 | 12 | 7-535541-8 | | |
| 9 | 9 | 71.12 [2.800] | 73.66 [2.900] | 29 | 12 | 7-535541-7 | | |
| | | 68.58 [2.700] | 71.12 [2.800] | 28 | 12 | 7-535541-6 | | |
| 9 | 9 | 66.04 [2.600] | 68.58 [2.700] | 27 | 12 | 7-535541-5 | | |
| | | 63.50 [2.500] | 66.04 [2.600] | 26 | 12 | 7-535541-4 | | |
| 9 | 9 | 60.96 [2.400] | 63.50 [2.500] | 25 | 12 | 7-535541-3 | | |
| | | 58.42 [2.300] | 60.96 [2.400] | 24 | 12 | 7-535541-2 | | |
| 9 | 9 | 55.88 [2.200] | 58.42 [2.300] | 23 | 12 | 7-535541-1 | | |
| | | 53.34 [2.100] | 55.88 [2.200] | 22 | 12 | 7-535541-0 | | |
| 9 | 9 | 50.80 [2.000] | 53.34 [2.100] | 21 | 12 | 6-535541-9 | | |
| | | 48.26 [1.900] | 50.80 [2.000] | 20 | 12 | 6-535541-8 | | |
| 9 | 9 | 45.72 [1.800] | 48.26 [1.900] | 19 | 12 | 6-535541-7 | | |
| | | 43.18 [1.700] | 45.72 [1.800] | 18 | 12 | 6-535541-6 | | |
| 9 | 9 | 40.64 [1.600] | 43.18 [1.700] | 17 | 12 | 6-535541-5 | | |
| | | 38.10 [1.500] | 40.64 [1.600] | 16 | 12 | 6-535541-4 | | |
| 9 | 9 | 35.56 [1.400] | 38.10 [1.500] | 15 | 12 | 6-535541-3 | | |
| | | 33.02 [1.300] | 35.56 [1.400] | 14 | 12 | 6-535541-2 | | |
| 9 | 9 | 30.48 [1.200] | 33.02 [1.300] | 13 | 12 | 6-535541-1 | | |
| | | 27.94 [1.100] | 30.48 [1.200] | 12 | 12 | 6-535541-0 | | |
| 9 | 9 | 25.40 [1.000] | 27.94 [1.100] | 11 | 12 | 5-535541-9 | | |
| | | 22.86 [.900] | 25.40 [1.000] | 10 | 12 | 5-535541-8 | | |
| 9 | 9 | 20.32 [.800] | 22.86 [.900] | 9 | 12 | 5-535541-7 | | |
| | | 17.78 [.700] | 20.32 [.800] | 8 | 12 | 5-535541-6 | | |
| 9 | 9 | 15.24 [.600] | 17.78 [.700] | 7 | 12 | 5-535541-5 | | |
| | | 12.70 [.500] | 15.24 [.600] | 6 | 12 | 5-535541-4 | | |
| 9 | 9 | 10.16 [.400] | 12.70 [.500] | 5 | 12 | 5-535541-3 | | |
| | | 7.62 [.300] | 10.16 [.400] | 4 | 12 | 5-535541-2 | | |
| 9 | 9 | 5.08 [.200] | 7.62 [.300] | 3 | 12 | 5-535541-1 | | |
| | | FINISH | B | A | NO OF POSN | PART NUMBER | | |

| | | | | | | |
|---|---|---------------|----------------|----|------------|-------------|
| 9 | 2 | 2.54 [.100] | 5.08 [.200] | 2 | 12 | 3-535541-9 |
| | | 99.06 [3.900] | 101.60 [4.000] | 40 | 12 | 3-535541-8 |
| 9 | 2 | 96.52 [3.800] | 99.06 [3.900] | 39 | 12 | 3-535541-7 |
| | | 93.98 [3.700] | 96.52 [3.800] | 38 | 12 | 3-535541-6 |
| 9 | 2 | 91.44 [3.600] | 93.98 [3.700] | 37 | 12 | 3-535541-5 |
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| 9 | 2 | 86.36 [3.400] | 88.90 [3.500] | 35 | 12 | 3-535541-3 |
| | | 83.82 [3.300] | 86.36 [3.400] | 34 | 12 | 3-535541-2 |
| 9 | 2 | 81.28 [3.200] | 83.82 [3.300] | 33 | 12 | 3-535541-1 |
| | | 78.74 [3.100] | 81.28 [3.200] | 32 | 12 | 3-535541-0 |
| 9 | 2 | 76.20 [3.000] | 78.74 [3.100] | 31 | 12 | 2-535541-9 |
| | | 73.66 [2.900] | 76.20 [3.000] | 30 | 12 | 2-535541-8 |
| 9 | 2 | 71.12 [2.800] | 73.66 [2.900] | 29 | 12 | 2-535541-7 |
| | | 68.58 [2.700] | 71.12 [2.800] | 28 | 12 | 2-535541-6 |
| 9 | 2 | 66.04 [2.600] | 68.58 [2.700] | 27 | 12 | 2-535541-5 |
| | | 63.50 [2.500] | 66.04 [2.600] | 26 | 12 | 2-535541-4 |
| 9 | 2 | 60.96 [2.400] | 63.50 [2.500] | 25 | 12 | 2-535541-3 |
| | | 58.42 [2.300] | 60.96 [2.400] | 24 | 12 | 2-535541-2 |
| 9 | 2 | 55.88 [2.200] | 58.42 [2.300] | 23 | 12 | 2-535541-1 |
| | | 53.34 [2.100] | 55.88 [2.200] | 22 | 12 | 2-535541-0 |
| 9 | 2 | 50.80 [2.000] | 53.34 [2.100] | 21 | 12 | 1-535541-9 |
| | | 48.26 [1.900] | 50.80 [2.000] | 20 | 12 | 1-535541-8 |
| 9 | 2 | 45.72 [1.800] | 48.26 [1.900] | 19 | 12 | 1-535541-7 |
| | | 43.18 [1.700] | 45.72 [1.800] | 18 | 12 | 1-535541-6 |
| 9 | 2 | 40.64 [1.600] | 43.18 [1.700] | 17 | 12 | 1-535541-5 |
| | | 38.10 [1.500] | 40.64 [1.600] | 16 | 12 | 1-535541-4 |
| 9 | 2 | 35.56 [1.400] | 38.10 [1.500] | 15 | 12 | 1-535541-3 |
| | | 33.02 [1.300] | 35.56 [1.400] | 14 | 12 | 1-535541-2 |
| 9 | 2 | 30.48 [1.200] | 33.02 [1.300] | 13 | 12 | 1-535541-1 |
| | | 27.94 [1.100] | 30.48 [1.200] | 12 | 12 | 1-535541-0 |
| 9 | 2 | 25.40 [1.000] | 27.94 [1.100] | 11 | 12 | 535541-9 |
| | | 22.86 [.900] | 25.40 [1.000] | 10 | 12 | 535541-8 |
| 9 | 2 | 20.32 [.800] | 22.86 [.900] | 9 | 12 | 535541-7 |
| | | 17.78 [.700] | 20.32 [.800] | 8 | 12 | 535541-6 |
| 9 | 2 | 15.24 [.600] | 17.78 [.700] | 7 | 12 | 535541-5 |
| | | 12.70 [.500] | 15.24 [.600] | 6 | 12 | 535541-4 |
| 9 | 2 | 10.16 [.400] | 12.70 [.500] | 5 | 12 | 535541-3 |
| | | 7.62 [.300] | 10.16 [.400] | 4 | 12 | 535541-2 |
| 9 | 2 | 5.08 [.200] | 7.62 [.300] | 3 | 12 | 535541-1 |
| | | FINISH | B | A | NO OF POSN | PART NUMBER |

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:

| | | |
|--------|---|------------|
| 0 PL | ± | - |
| 1 PL | ± | 0.25[.010] |
| 2 PL | ± | 0.13[.005] |
| 3 PL | ± | 0.13[.005] |
| 4 PL | ± | 0.13[.005] |
| ANGLES | ± | - |

MATERIAL: FINISH

APPROVED: J. JOLSON

DATE: 05NOV02

NAME: J. JOLSON

PRODUCT SPEC: 108-25022

APPLICATION SPEC: 114-25018

WEIGHT: -

SIZE: A1

SCALE: 4:1

SHEET: 1 of 1

REV: N6

CUSTOMER DRAWING

STE TE Connectivity

RECPT ASSY, MOD IV, SINGLE ROW, .100CL, VERTICAL BOARD MOUNT, CLOSED, TOP ENTRY, SHORT PNT. OF CONTACT

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-535541-5](#)