

- ① COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.
- ② 10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.
- ③ 10 POSITION SIZE CONTAINS ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.
- 4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 1.57 [.062]
- ⑤ MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.
POSTS: PHOS BRONZE OR BRASS
- ⑥ FINISH:
POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76 μ m[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54 μ m[.000100] MIN TIN PLATE ON THE TAIL, 1.27 μ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
-OR-
0.76 μ m[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54 μ m[.000100] MIN TIN PLATE ON THE TAIL, 1.27 μ m[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
⑦ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

| | | | | | | | | | |
|---------------|-------|------------------|------------------|------------------|-------------------|------------------|------------------|------------|-------------|
| OBSOLETE | BLACK | 53.34 [2.100] | 71.12 [2.800] | 65.02 [2.560] | 75.18 [2.960] | 71.12 [2.800] | 60.96 [2.400] | 44 | 3-5102154-3 |
| OBSOLETE | BLUE | 78.74 [3.100] | 96.52 [3.800] | 90.42 [3.560] | 100.58 [3.960] | 96.52 [3.800] | 86.36 [3.400] | 64 | 3-5102154-2 |
| OBSOLETE | BLUE | 73.66 [2.900] | 91.44 [3.600] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 3-5102154-1 |
| | BLUE | 60.96 [2.400] | 78.74 [3.100] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 3-5102154-0 |
| | BLUE | 48.26 [1.900] | 66.04 [2.600] | 59.94 [2.360] | 70.10 [2.760] | 66.04 [2.600] | 55.88 [2.200] | 40 | 2-5102154-9 |
| OBSOLETE | BLUE | 40.64 [1.600] | 58.42 [2.300] | 52.32 [2.060] | 62.48 [2.460] | 58.42 [2.300] | 48.26 [1.900] | 34 | 2-5102154-8 |
| | BLUE | 35.56 [1.400] | 53.34 [2.100] | 47.24 [1.860] | 57.40 [2.260] | 53.34 [2.100] | 43.18 [1.700] | 30 | 2-5102154-7 |
| | BLUE | 30.48 [1.200] | 48.26 [1.900] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 2-5102154-6 |
| | BLUE | 22.86 [.900] | 40.64 [1.600] | 34.54 [1.360] | 44.70 [1.760] | 40.64 [1.600] | 30.48 [1.200] | 20 | 2-5102154-4 |
| | BLUE | 17.78 [.700] | 35.56 [1.400] | 29.46 [1.160] | 39.62 [1.560] | 35.56 [1.400] | 25.40 [1.000] | 16 | 2-5102154-3 |
| | BLUE | 15.24 [.600] | 33.02 [1.300] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 2-5102154-2 |
| | BLUE | 10.16 [.400] | 27.94 [1.100] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 2-5102154-1 |
| OBSOLETE | BLACK | 53.34 [2.100] | 71.12 [2.800] | 65.02 [2.560] | 75.18 [2.960] | 71.12 [2.800] | 60.96 [2.400] | 44 | 1-5102154-3 |
| | BLACK | 78.74 [3.100] | 96.52 [3.800] | 90.42 [3.560] | 100.58 [3.960] | 96.52 [3.800] | 86.36 [3.400] | 64 | 1-5102154-2 |
| | BLACK | 73.66 [2.900] | 91.44 [3.600] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 1-5102154-1 |
| | BLACK | 60.96 [2.400] | 78.74 [3.100] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 1-5102154-0 |
| | BLACK | 48.26 [1.900] | 66.04 [2.600] | 59.94 [2.360] | 70.10 [2.760] | 66.04 [2.600] | 55.88 [2.200] | 40 | 5102154-9 |
| | BLACK | 40.64 [1.600] | 58.42 [2.300] | 52.32 [2.060] | 62.48 [2.460] | 58.42 [2.300] | 48.26 [1.900] | 34 | 5102154-8 |
| | BLACK | 35.56 [1.400] | 53.34 [2.100] | 47.24 [1.860] | 57.40 [2.260] | 53.34 [2.100] | 43.18 [1.700] | 30 | 5102154-7 |
| | BLACK | 30.48 [1.200] | 48.26 [1.900] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 5102154-6 |
| | BLACK | 27.94 [1.100] | 45.72 [1.800] | 39.62 [1.560] | 49.78 [1.960] | 45.72 [1.800] | 35.56 [1.400] | 24 | 5102154-5 |
| | BLACK | 22.86 [.900] | 40.64 [1.600] | 34.54 [1.360] | 44.70 [1.760] | 40.64 [1.600] | 30.48 [1.200] | 20 | 5102154-4 |
| | BLACK | 17.78 [.700] | 35.56 [1.400] | 29.46 [1.160] | 39.62 [1.560] | 35.56 [1.400] | 25.40 [1.000] | 16 | 5102154-3 |
| | BLACK | 15.24 [.600] | 33.02 [1.300] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 5102154-2 |
| | BLACK | 10.16 [.400] | 27.94 [1.100] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 5102154-1 |
| HOUSING COLOR | | F | E | D | C | B | A | NO OF POSN | PART NUMBER |

| | | | | | | | | | | | |
|----------------------------------------|--|------------------------------------------------|--|-----------------------|--|-------------------------|--|--------------|--|----------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN G. ATTADIA - 01-06-05 DOKKS 01-06-05 | | S. BOLASH 01-06-05 | | M. WALMSLEY 01-06-05 | | NAME | | TE Connectivity | |
| DIMENSIONS: INCHES | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | APPLICATION SPEC | | SIZE | | CAGE CODE DRAWING NO | |
| 0 PLC ± - | | 1 PLC ± - | | 2 PLC ± 0.13[.005] | | 3 PLC ± - | | 4 PLC ± - | | RESTRICTED TO | |
| MATERIAL | | FINISH | | WEIGHT | | A1 00779 | | 5102154 | | SCALE | |
| | | | | | | CUSTOMER DRAWING | | SHEET 2 OF 2 | | REV D1 | |

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