



SEE SHEET 2 FOR TABLE & NOTES

| | | | | |
|--|--|-------------------------------|---------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN G. ATTADIA - 01-07-05 | TE Connectivity | |
| DIMENSIONS: mm [INCHES] | | CHK S. BOLASH 01-07-05 | NAME M. WALMSLEY 01-07-05 | |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC 108-40018 | | |
| 0 PLC ± - | | APPLICATION SPEC | | |
| 1 PLC ± - | | SIZE A1 | | |
| 2 PLC ± 0.13[.005] | | CAGE CODE 00779 | | |
| 3 PLC ± - | | DRAWING NO 5102162 | | |
| 4 PLC ± - | | RESTRICTED TO | | |
| ANGLES ± - | | WEIGHT | | |
| MATERIAL | | CUSTOMER DRAWING | | |
| FINISH | | SCALE 4:1 SHEET 1 OF 2 REV F1 | | |

- △ COORDINATE DIMENSION APPLIES FROM BASIC LOCATION.
- △ 8, 10 AND 14 POSITION SIZES CONTAIN ONLY ONE SLOT FOR SNAP-IN POLARIZER (MILITARY POLARIZATION) LOCATED AS SHOWN.
- △ 8 AND 10 POSITION SIZES CONTAIN ONLY ONE SLOT FOR DUAL POLARIZATION, LOCATED AS SHOWN.
- 4. RECOMMENDED PRINTED CIRCUIT BOARD THICKNESS IS 3.18 [.125].
- △ MATERIAL:
HOUSING: GLASS FILLED NYLON OR POLYESTER, UL94V-0 RATED, SEE TABLE FOR COLOR.
POSTS: BRASS
- △ FINISH:
POSTS: GOLD FLASH OVER PALLADIUM-NICKEL PLATE, 0.76μm[.000030] MIN TOTAL ON THE LOCALIZED PLATE AREA, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
-OR-
0.76μm[.000030] MIN GOLD PLATE ON THE LOCALIZED PLATE AREA, 2.54μm[.000100] MIN TIN PLATE ON THE SOLDER-TAIL, 1.27μm[.000050] MIN NICKEL UNDERPLATE ON THE ENTIRE POST.
- △ DATUMS -M- & -N- TO BE ESTABLISHED BY CUSTOMER.

| | | | | | | | | | |
|----------|---------------|------------------|------------------|------------------|-------------------|------------------|------------------|------------|-------------|
| | BLUE | 73.66 [2.900] | 85.34 [3.360] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 3-5102162-1 |
| | BLUE | 60.96 [2.400] | 72.64 [2.860] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 3-5102162-0 |
| | BLUE | 30.48 [1.200] | 42.16 [1.660] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 2-5102162-6 |
| | BLUE | 15.24 [.600] | 26.92 [1.060] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 2-5102162-2 |
| | BLUE | 10.16 [.400] | 21.84 [.860] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 2-5102162-1 |
| | BLACK | 78.74 [3.100] | 90.42 [3.560] | 90.42 [3.560] | 100.58 [3.960] | 96.52 [3.800] | 86.36 [3.400] | 64 | 1-5102162-2 |
| | BLACK | 73.66 [2.900] | 85.34 [3.360] | 85.34 [3.360] | 95.50 [3.760] | 91.44 [3.600] | 81.28 [3.200] | 60 | 1-5102162-1 |
| | BLACK | 60.96 [2.400] | 72.64 [2.860] | 72.64 [2.860] | 82.80 [3.260] | 78.74 [3.100] | 68.58 [2.700] | 50 | 1-5102162-0 |
| OBSOLETE | BLACK | 48.26 [1.900] | 59.94 [2.360] | 59.94 [2.360] | 70.10 [2.760] | 66.04 [2.600] | 55.88 [2.200] | 40 | 5102162-9 |
| | BLACK | 40.64 [1.600] | 52.32 [2.060] | 52.32 [2.060] | 62.48 [2.460] | 58.42 [2.300] | 48.26 [1.900] | 34 | 5102162-8 |
| | BLACK | 35.56 [1.400] | 47.24 [1.860] | 47.24 [1.860] | 57.40 [2.260] | 53.34 [2.100] | 43.18 [1.700] | 30 | 5102162-7 |
| OBSOLETE | BLACK | 30.48 [1.200] | 42.16 [1.660] | 42.16 [1.660] | 52.32 [2.060] | 48.26 [1.900] | 38.10 [1.500] | 26 | 5102162-6 |
| | BLACK | 27.94 [1.100] | 39.62 [1.560] | 39.62 [1.560] | 49.78 [1.960] | 45.72 [1.800] | 35.56 [1.400] | 24 | 5102162-5 |
| OBSOLETE | BLACK | 22.86 [.900] | 34.54 [1.360] | 34.54 [1.360] | 44.70 [1.760] | 40.64 [1.600] | 30.48 [1.200] | 20 | 5102162-4 |
| OBSOLETE | BLACK | 17.78 [.700] | 29.46 [1.160] | 29.46 [1.160] | 39.62 [1.560] | 35.56 [1.400] | 25.40 [1.000] | 16 | 5102162-3 |
| | BLACK | 15.24 [.600] | 26.92 [1.060] | 26.92 [1.060] | 37.08 [1.460] | 33.02 [1.300] | 22.86 [.900] | 14 | 5102162-2 |
| | BLACK | 10.16 [.400] | 21.84 [.860] | 21.84 [.860] | 32.00 [1.260] | 27.94 [1.100] | 17.78 [.700] | 10 | 5102162-1 |
| | HOUSING COLOR | F | E | D | C | B | A | NO OF POSN | PART NUMBER |

| | | | | | | | | | | | |
|--|--|---|--|--------------------|--|----------------------|--|------------------|--|-------------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DIN G. ATTADIA - 01-07-05 DOKKS 01-07-05 | | S. BOLASH 01-07-05 | | M. WALMSLEY 01-07-05 | | NAME | | TE Connectivity | |
| DIMENSIONS: INCHES | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | | APPLICATION SPEC | | SIZE | | RESTRICTED TO | |
| 0 PLC ± - | | 1 PLC ± - | | 108-40018 | | - | | A1 | | - | |
| 2 PLC ± 0.13[.005] | | 3 PLC ± - | | - | | - | | 00779 | | 5102162 | |
| 4 PLC ± - | | ANGLES ± - | | - | | - | | CUSTOMER DRAWING | | SCALE 1:1 SHEET 2 OF 2 REV F1 | |

Mouser Electronics

Authorized Distributor

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

[TE Connectivity:](#)

[1-5102162-1](#)