

4

3

2

1

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| LOC | DIST | REVISIONS   |                           |         |       |
|-----|------|-------------|---------------------------|---------|-------|
| P   | LTR  | DESCRIPTION | DATE                      | DWN     | APVD  |
| GP  | 00   | B           | REVISED PER ECO-08-007327 | 02OCT08 | BM WM |

4-40UNC-2B  
2 HOLES

64.27  
[2.530]

15.37  
[.605]

INTEGRAL LOCKING LATCH  
QUANTITY 2

RECEPTACLE  
ASSEMBLY

33.28  
[1.31]

CAPTIVE PAN HEAD SCREW  
DIM "A" LONG

22.03  
[.867]

WIRE, 26 AWG  
SOLID CORE

4-40 UNC-2A THREAD X DIM "B" LONG

PLUG  
ASSEMBLY

4-40UNC-2B  
2 HOLES

64.29  
[2.531]  
MIN

74.83±0.36  
[2.946±.014]

83.32  
[3.280]

1. DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.

2. LIKE NUMBERED TERMINALS ON BOTH CONNECTORS ARE ELECTRICALLY COMMON.

3. MATERIAL: HOUSING AND COVERS - POLYPHENYLENE OXIDE, BLACK.  
 TERMINAL - HIGH STRENGTH COPPER ALLOY PLATED WITH EITHER 0.76 $\mu$ m [.000030] MIN GOLD OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76 $\mu$ m [.000030] MIN TOTAL ON MATING SURFACE, 1.27 $\mu$ m [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.  
 LATCH - ZINC PLATED CARBON STEEL.

4. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.

5. CENTER-TO-CENTER SPACING OF TERMINALS IS 2.16 [.085] NOMINAL.

6. CORING MAY OR MAY NOT APPEAR AND IS AT THE DISCRETION OF AMP INCORPORATED.

|             |              |             |
|-------------|--------------|-------------|
| 2.54 [.100] | 8.89 [.350]  | 5406952-2   |
| 4.45 [.175] | 10.92 [.430] | 5406952-1   |
| DIM "B"     | DIM "A"      | PART NUMBER |

|  |  |                               |   |  |
|--|--|-------------------------------|---|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |  | DWN<br>G.PETERS<br>23SEP05    | Tyco Electronics Corporation<br>Harrisburg, Pa 17105-3608 |  |
| DIMENSIONS:<br>mm [INCHES]             |  | CHK<br>W.MILLHIMES<br>23SEP05 | NAME<br>M.WALMSLEY<br>23SEP05                             |  |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |  | PRODUCT SPEC                  |   |  |
| 0 PLC ± -                              |  | APPLICATION SPEC              |   |  |
| 1 PLC ± -                              |  | WEIGHT -                      |   |  |
| 2 PLC ± -                              |  | SCALE A2 00779 C=5406952      |   |  |
| 3 PLC ± -                              |  | SHEET 1 OF 1                  |   |  |
| 4 PLC ± -                              |  | REV B                         |   |  |
| ANGLES ± -                             |  | CUSTOMER DRAWING              |   |  |
| FINISH                                 |  | SCALE 2:1                     |   |  |
| 3                                      |  | SHEET 1 OF 1                  |   |  |
| 3                                      |  | REV B                         |   |  |

AMP 1471-9 REV 31MAR2000

5406952

A