



**NOTES:**

- MATERIALS:**  
HOUSING: POLYESTER (PBT), GLASS FILLED, UL94 V-0,  
COLOR: BLACK  
TERMINALS: COPPER ALLOY
- FINISHES:** 1. TIN ONLY: 100MIN TIN OVER 50MIN NICKEL  
2. TIN/GOLD: 30MIN SELECT GOLD (CONTACT MATING AREA),  
100MIN SELECT TIN (PCB TAIL AREA) OVER 50MIN NICKEL OVERALL.
- PRODUCT SPECIFICATION:** PS-19427-001.
- PACKAGING SPECIFICATION:** PK-19427-001.
- MATES WITH:** 19418 SERIES RECEPTACLE ASSEMBLIES.
- RECOMMENDED MOUNTING HARDWARE:** (2) #10 X .62/18.9 LONG PLASTIC  
THREAD CUTTING SCREWS. RECOMMENDED TORQUE 15-17 IN.-LBS.  
SUGGESTED SOURCE: ITW SHAKEPROOF INDUSTRIAL BOSSCREW OR EQUIVALENT.

|  |                                    |                               |                              |                             |             |                             |                                       |                       |                          |                     |                              |                  |                        |                  |                           |                  |  |  |
|--|------------------------------------|-------------------------------|------------------------------|-----------------------------|-------------|-----------------------------|---------------------------------------|-----------------------|--------------------------|---------------------|------------------------------|------------------|------------------------|------------------|---------------------------|------------------|--|--|
| REVISED<br>REV   | EFC NO: ETC2006-0028<br>2005/10/10 | DRAWN: JPAWLICK<br>2005/10/11 | CHKD: JPAWLICK<br>2005/10/11 | APPR: RDEROSS<br>2005/10/11 | DESCRIPTION | QUALITY SYMBOLS<br>=0<br>=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                       | DIMENSION STYLE<br>IN/MM |                     | SCALE<br>2:1                 |                  | DESIGN UNITS<br>INCH   |                  | MATERIAL NO.<br>194270017 |                  | TERMINAL PLATING<br>TIN  |  |
|  |                                    |                               |                              |                             |             |                             | 4 PLACES ± --- ± ---                  | 3 PLACES ± --- ± .015 | 2 PLACES ± 0.38 ± ---    | 1 PLACE ± --- ± --- | DRAWN BY<br>BRUPERT          | DATE<br>04/07/28 | CHECKED BY<br>JPAWLICK | DATE<br>04/07/28 | APPROVED BY<br>RDEROSS    | DATE<br>04/07/28 | MATERIAL NO.<br>194270105  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |                                    |                               |                              |                             |             |                             | ANGULAR ± 1 °                         |                       | SEE CHART                |                     | MATERIAL NO.<br>SD-19427-022 |                  | DOCUMENT NO.           |                  | SHEET NO.<br>1 OF 1       |                  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |

**8 WAY RIGHT ANGLE  
HEADER ASSEMBLY**

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