

CUSTOMER PRINT

PART NUMBER: W17961-XSG-P-3ES

NOTES:

1. PANEL CONNECTORS TO BE PACKED IN PARTITIONED BOX, 100 PC PER BOX.
2. ALL HOLES REQUIRED REGARDLESS OF NUMBER OF POSITIONS OF CONNECTOR.
3. HEX NUT AND GASKET SHIPPED UNASSEMBLED
4. HEX NUT TIGHTENING TORQUE: 9 IN./LB MAX.
5. CURRENT RATING: 3.0 AMP
6. TEMPERATURE RATING: -40°C TO +85°C (-40°F TO +185°F)
7. MATERIALS:
 - PANEL CONNECTOR, HEX NUT, SPACER: UV PBT
 - GASKET: RUBBER
 - CONTACTS: COPPER ALLOY, GOLD PLATED
 - PCB: FR-4
 - HEADER INSULATOR: THERMOPLASTIC, UL94V-0
8. REAR WELL OF PANEL CONNECTOR TO BE FILLED WITH EPOXY.
9. SEE DRAWING HPMCSTD FOR HOLE PATTERN.
10. ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS TOLERANCE SPECIFIED.

SHOWN ASSEMBLED
FOR CUSTOMER REFERENCE ONLY

RECOMMENDED PCB LAYOUT
PCB COMPONENT SIDE
NOTE 2

RECOMMENDED PANEL CUT-OUT
TOLERANCE: $\pm .003$

ASS'Y P/N **CONTACT QTY.** **KEY STYLE**

W17961-5SG-P-3ES	5	A-KEY
W17961-6SG-P-3ES	6	B-KEY
W17961-7SG-P-3ES	7	A-KEY

NUMBER OF CONTACTS

5 POSITION LOCATIONS

1	2	3	4	5	NC	NC
○	○	○	○	○	○	○

6 POSITION LOCATIONS

1	2	3	4	5	6	NC
○	○	○	○	○	○	○

7 POSITION LOCATIONS

1	2	3	4	5	6	7
○	○	○	○	○	○	○

FACE VIEW
W17961-5SG-P-3ES
A-KEY

FACE VIEW
W17961-6SG-P-3ES
B-KEY

FACE VIEW
W17961-7SG-P-3ES
A-KEY

WIRE VIEW
W17961-5SG-P-3ES
A-KEY

WIRE VIEW
W17961-6SG-P-3ES
B-KEY

WIRE VIEW
W17961-7SG-P-3ES
A-KEY

CUSTOMER APPROVAL

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APPROVED BY: _____
DATE: _____

ALL UNITS ARE IN FEET, INCHES, FRACTION OF INCHES AND DECIMALS.

RoHS COMPLIANT

CRITICAL CHARACTERISTIC FLAG PER SPEC. XXXX

CONXALL
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FILE: W17961-XSG-P-3ES **DIRECTORY:** SLW **PART NUMBER:** W17961-XSG-P-3ES **REV:** A

Dimensions:

- PCB Component Side: .472 [12] (width), .118 MAX. [3] (height to edge of PCB), 7X .079 [2] (pitch), .140 [3.6] (width), .050 [1.3] (width), .545 [13.8] (width), .309 [7.8] (width), .144 [3.6] (width), .098 [2.5] (width), .56 [14.2] (width), .36 [9.1] (width), .393 [10] (width), .63 [15.9] (width).
- Panel Cut-out: .401 [10.2] (width), .430 [10.9] (height).

DIMENSIONS IN BRACKET [] ARE METRIC.