1. MATERIAL:
1.1 HOUSING PART UL94 V-0 RATED: COLOR BLACK
1.2 CAP: LCP UL94 V-0 RATED: COLOR BLACK
1.3 CONTACT: BRASS&PHOS BRONZE
1.4 SHELL: STAINLESS STEEL SHIELD TYPE BENDING BOARD LOCK

FINISH
2.1 CONTACT:
COLD PLATING(SEE TABLE) ON CONTACT AREA.
2.54µm [100µ"] MIN. MATTE-TIN PLATING ON SOLDER TAIL AREA.
1.27µm [50µ"] MIN. NICKEL UNDERPLATING OVERALL.
2.2 SHELL: 1.27µm [50µ"] MIN. NICKEL PLATING.
3. RECOMMENDED P.C.B. THICKNESS : 1/2

NOTES:
1.0. ELECTRICAL CHARACTERISTIC:
1.1. LOW LEVEL CONTACT RESISTANCE: INITIAL 30 mΩ MAXIMUM.
FOR POWER AND GROUND CONTACTS.
1.3. INSULATION RESISTANCE: 100 MΩ MINIMUM.
2.0. MECHANICAL CHARACTERISTIC:
2.1. INSERTION FORCE: 35N (3.57 kg) MAXIMUM.
2.2. EXTRACTION FORCE: INITIAL (1.02kg) MINIMUM.
AFTER 10N (0.816kg) MINIMUM.

\( \text{CE LOGO MUST BE CLEAR & LEGIBLE} \)

TABLE A: PIN ASSIGNMENT

<table>
<thead>
<tr>
<th>PIN NO</th>
<th>1</th>
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<th>3</th>
<th>4</th>
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<th>6</th>
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<tbody>
<tr>
<td>SIGNAL NAME</td>
<td>USB</td>
<td>D-</td>
<td>D+</td>
<td>GND</td>
<td>STRA SSRIK</td>
<td>STRA SSRIK</td>
<td>GND</td>
<td>STRA SSRC</td>
<td>STRA SSRIK</td>
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<tr>
<td>REMARK</td>
<td>USB 2.0 CONTACT PIN</td>
<td>USB 3.0 CONTACT PIN</td>
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NOTES:

REVISIONS

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<tr>
<th>REVISION</th>
<th>DATE</th>
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<tbody>
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<td>0</td>
<td>REVISION 0079</td>
<td>2439034</td>
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</tbody>
</table>

TE Connectivity
Vertical USB 3.2 A (board lock type)
NOTES:
1. PACKAGING MATERIAL IN PLASTIC, RUBBER, INK, PIGMENT AND PAINT MUST MEET CONTROLLED SUBSTANCES SPEC PER 230-702.
2. LEAD, CADMIUM, CHROM VI AND MERCURY NOT TO EXCEED 100 PPM (COMBINED)
3. CARRIER TAPES, COVER TAPES, REELS AND TAPED COMPONENTS MUST MEET THE REQUIREMENTS DEFINED PER EA-481-C.
4. MATERIAL
   COVER TAPE: PET, COLOR: TRANSPARENT
   CARRIER TAPE: SYNTHETIC MATERIALS, COLOR: BLACK
   REEL: PS BLUE
   SHIPPING BOX: CORRUGATED FIBER

DIMENSIONS:

<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>5.60KG</td>
<td>2.26KG</td>
<td>150</td>
<td>8</td>
<td>1200</td>
</tr>
<tr>
<td>5.60KG</td>
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1478-19 (1/15)
Mouser Electronics

Authorized Distributor

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TE Connectivity: 2439034-1