SPECIFICATIONS:
MATERIALS:
SHELL: NICKEL OR TIN PLATED STEEL
INSULATOR: PBT +30% GF, UL 94V-0, BLACK
CONTACTS: COPPER ALLOY, GOLD PLATED

ELECTRICALS:
CURRENT RATING: 5 AMPS
CONTACT RESISTANCE: 15 mOHMS MAX
INSULATOR RESISTANCE: 1000 MOHMS MIN
VOLTAGE: 500V AC FOR 1 MINUTE
TEMPERATURE: -50°C TO +100°C

DIMENSIONS (in/\text{mm})

<table>
<thead>
<tr>
<th>POS.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>1.213</td>
<td>0.984</td>
<td>0.686</td>
<td>0.756</td>
<td>0.329</td>
<td>0.496</td>
</tr>
<tr>
<td>15</td>
<td>30.60</td>
<td>24.99</td>
<td>16.92</td>
<td>19.20</td>
<td>8.36</td>
<td>12.60</td>
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<tr>
<td>25</td>
<td>1.541</td>
<td>1.312</td>
<td>0.994</td>
<td>1.091</td>
<td>0.329</td>
<td>0.496</td>
</tr>
<tr>
<td>37</td>
<td>39.15</td>
<td>33.32</td>
<td>25.25</td>
<td>27.70</td>
<td>8.36</td>
<td>12.60</td>
</tr>
<tr>
<td>50</td>
<td>2.087</td>
<td>1.853</td>
<td>1.534</td>
<td>1.618</td>
<td>0.329</td>
<td>0.496</td>
</tr>
</tbody>
</table>

0.236±0.006 [6.00]
(50 PIN DIMENSION)
0.240±0.006 [6.10]

Ø0.120 [3.05]

171-YYY-10YLYY1

WILL ACCEPT 28-20 AWG CONDUCTORS

UNITS = INCHES [MM]

RoHS COMPLIANT

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DRAWN: J. KADEL
DATE: 07/24/2018
TOLERANCE:
ALL DIMENSIONS ARE ±0.010

ALL CLINCH-NUTS ARE 4-40 INTERNAL THREADS

01X ..... 0.098" (SOLDER SIDE)

02X ..... 0.236" (SOLDER SIDE)

03X..... 0.236" (MATING SIDE)

05X ..... 0.237" (SOLDER SIDE)

91X ..... 0.237" (SOLDER SIDE)

NOTE: 4-40 FEMALE SCREW LOCK IS REMOVABLE

UNITS = INCHES

RoHS COMPLIANT

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DRAWN: J. KADEL
DATE: 07/24/2018

Do Not Scale From Drawing

NorComp

SCALE: NTS
SHEET 2 OF 2
DWG NO. 171-YYY-10YLYY1

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