AMCC-50

NOTE:—
1. ALL MEASUREMENTS ARE DONE AT ROOM TEMPERATURE.
2. WEIGHT INCLUDES 2% EPOXY WEIGHT.
3. CONTINUOUS OPERATING TEMPERATURE : 155°C

CORE MATERIAL: MEGLAS® ALLOY 2605SA1

TOLERANCES UNLESS OTHERWISE SPECIFIED

<table>
<thead>
<tr>
<th>NO.</th>
<th>DESCRIPTION</th>
<th>CORE DESIGN</th>
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<tbody>
<tr>
<td>(1)</td>
<td>IM = mean magnetic path length</td>
<td></td>
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<tr>
<td>(2)</td>
<td>Ac = net cross-sectional area</td>
<td></td>
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<tr>
<td>(3)</td>
<td>Wa = core window area</td>
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</tbody>
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ELECTRICAL SPECIFICATIONS
Core Loss @ 16kHz, 0.037 T ≺ 1.38W/Kg.

Core Build (a) mm 16.0±1.0
Window Width (b) mm 20.0+1.0/-0.0
Window Length (c) mm 70.0+2.5/-0.0
Core Height (d) mm 25.0+0.5/-0.0
Core Width (e) mm 52.0+1.0/-0.5
Core Length (f) mm 102.0+3.0/-0.0
Mean Magnetic Path (Im) cm 24.90
Net Area (Ac) cm² 3.30
Window Area (Wa) cm² 14.00
Area Product (Ap) cm⁴ 46.20
Weight of Core (g) 590 (Nom.)