SERIES: CDM514 | DESCRIPTION: M5 CABLE

FEATURES

• M5 molded male cable connector
• A Code
• straight
• IP67
• 1, 2 & 3 meter length options

SPECIFICATIONS

<table>
<thead>
<tr>
<th>parameter</th>
<th>conditions/description</th>
<th>min</th>
<th>typ</th>
<th>max</th>
<th>units</th>
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<tbody>
<tr>
<td>rated voltage</td>
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<td>60</td>
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<td></td>
<td>V</td>
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<tr>
<td>rated current</td>
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<td></td>
<td></td>
<td>A</td>
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<tr>
<td>withstanding voltage</td>
<td>for 1 minute</td>
<td>600</td>
<td></td>
<td></td>
<td>Vac</td>
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<tr>
<td>contact resistance</td>
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<td>5</td>
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<td></td>
<td>mΩ</td>
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<tr>
<td>insulation resistance</td>
<td>at 500 Vdc for 1 minute</td>
<td>100</td>
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<td></td>
<td>MΩ</td>
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<td>insertion/withdrawal force</td>
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<td>0.3</td>
<td>1.5</td>
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<td>kgf</td>
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<td>operating temperature</td>
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<td>-25</td>
<td>80</td>
<td></td>
<td>°C</td>
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<tr>
<td>life</td>
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<td>100</td>
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<td>cycles</td>
</tr>
<tr>
<td>safety approvals</td>
<td>compliant with IEC61076-2-105</td>
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<td>flammability rating</td>
<td>see material table</td>
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<td>RoHS</td>
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<tr>
<td>IP level</td>
<td>IP67 [in mated condition]</td>
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</table>

PART NUMBER KEY

CDM514 - XXX - 01MST - XX - 67

Base Number
No. of Poles:
03A = 3 (A-Coding)
04A = 4 (A-Coding)

Cable Length:
1M = 1 m
2M = 2 m
3M = 3 m
MECHANICAL DRAWING

units: mm
tolerance:
0.5<X≤8.0: ±0.1 mm
6.0<X≤30.0: ±0.2 mm
unless otherwise noted

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>MATERIAL</th>
<th>PLATING/COLOR</th>
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<tr>
<td>A</td>
<td>cable</td>
<td>UL 20549 PUR</td>
<td>black</td>
</tr>
<tr>
<td>B</td>
<td>M5x0.5 screw</td>
<td>brass</td>
<td>nickels</td>
</tr>
<tr>
<td>C</td>
<td>terminals; male</td>
<td>brass</td>
<td>gold</td>
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<tr>
<td>D</td>
<td>housing; male</td>
<td>PA66 [UL94V-0]</td>
<td>black</td>
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<tr>
<td>E</td>
<td>overmold</td>
<td>TPU [UL94V-0]</td>
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</table>

<table>
<thead>
<tr>
<th>No. of Poles</th>
<th>3</th>
<th>4</th>
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<tbody>
<tr>
<td>Coding</td>
<td>A-Coding</td>
<td>A-Coding</td>
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<tr>
<td>Pin#</td>
<td>Cable</td>
<td>26 AWG X 3C</td>
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<td></td>
<td>OD: 4.0±0.2 mm</td>
<td>OD: 4.3±0.2 mm</td>
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<tr>
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<tr>
<td>2</td>
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