UL 94V-0 Thermoplastic Polyester
Copper Alloy
Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over
3 Ampere
10milliohms maximum
1800 VAC rms at sea level between adjacent contacts
Insulation Resistance
Operating Temperature
Insertion Force
Withdrawal Force
5000 Megaohms minimum
Operating Temperature:  -40°C to +105°C
16oz (4.45N) maximum per contact pair when tested with .070” (1.78mm) thick gauge
1oz (0.28N) minimum per contact pair when tested with .054” (1.37mm) thick gauge
Insulator Material
Contact Material
Contact Plating
Current Rating
Contact Resistance
Dielectric Withstand Voltage
Contact Rows and Insulator Style
Mounting Options
Example Part Number
Series 337-086-524-204
Total Number of Contacts
Contact Code
Contact Rows and Insulator Style
Mounting Options
Total Number of Contacts:
006, 007, . . . . 043
012, 014, . . . . 086
Contact Code           Description & Tail Size       Tail Length “G”
500  Wire Hole .050 x .025 (1.27 x 0.64) .260 (6.60)
520  P.C. Tail .030 x .018 (0.76 x 0.46) .175 (4.45)
521  P.C. Tail .025 Square (0.64 Square) .150 (3.81)
523  P.C. Tail .025 Square (0.64 Square) .390 (9.91)
524  P.C. Tail .018 Square (0.46 Square) .175 (4.45)
540  Wire Wrap .025 Square (0.64 Square) .560 (14.22)
541  Wire Wrap .025 Square (0.64 Square) .750 (19.05)
542  Wire Wrap .025 Square (0.64 Square) .645 (16.38)
544  Wire Wrap .050 x .025 (1.27 x 0.64) .750 (19.05)
555  EXTENDER BOARD BEND (Code 500 Contacts)
556  EXTENDER BOARD BEND (Code 520 Contacts)
558  90 DEGREE BEND (Code 541 Contacts)
559  90 DEGREE BEND (Code 541 Contacts)
560  EXTENDER BOARD BEND (Code 523 Contacts)
www.edac.net

Ordering Code Notes:
1) All connector sizes up to 43 contacts single row / 086 contacts dual row are available upon request.
2) The 500 contact code is only available in the 337 series. Green polyphenylene sulphide insulator material will be supplied.
3) For details of the extender board and 90 degree bends refer to our website.
4) For lugless connectors, code 01 mounting, specify contact row code 1 or 2.
5) In-line card guides are only with offset mounting lugs.
6) For details of the mounting options refer to next pages.

337/387 SERIES
Card Edge Connector 0.156" (3.96mm) Pitch

FEATURES
• 0.156" (3.96mm) Contact Spacing by 0.200" 5.08mm) Row Spacing
• Accepts .062" (1.57mm) Nominal Thickness P.C. Board
• High Profile Insulator Body, .600” (15.24mm)
• Card Slot Depth of .330” (8.38mm)
• Contact Termination Options include P.C. Tail, Wire Hole, Wire Wrap, 90° and Extender Board Bends
• Single or Dual Row Configurations
• Large Variety of Mounting Options, Flush or Offset Lugs
• Accepts between Contact and In-Contact Polarizing Keys
• Pre-assembled Card Guides are available
• RoHS Compliant, UL certified

Specifications:

<table>
<thead>
<tr>
<th>Insulator Material</th>
<th>UL 94V-0 Thermoplastic Polyester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact Material</td>
<td>Copper Alloy</td>
</tr>
<tr>
<td>Contact Plating</td>
<td>Gold Plating on mating area and Tin Plating on tails with Nickel underplating all over</td>
</tr>
<tr>
<td>Current Rating</td>
<td>3 Ampere</td>
</tr>
<tr>
<td>Contact Resistance</td>
<td>10milliohms maximum</td>
</tr>
<tr>
<td>Dielectric Withstand Voltage</td>
<td>1800 VAC rms at sea level between adjacent contacts</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>5000 Megaohms minimum</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>Operating Temperature: -40°C to +105°C</td>
</tr>
<tr>
<td>Insertion Force</td>
<td>16oz (4.45N) maximum per contact pair when tested with .070” (1.78mm) thick gauge</td>
</tr>
<tr>
<td>Withdrawal Force</td>
<td>1oz (0.28N) minimum per contact pair when tested with .054” (1.37mm) thick gauge</td>
</tr>
</tbody>
</table>

Contact Rows and Insulator Style

<table>
<thead>
<tr>
<th>Series</th>
<th>Insulator Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>337</td>
<td>Green</td>
</tr>
<tr>
<td>387</td>
<td>Black</td>
</tr>
</tbody>
</table>

Mounting Options

<table>
<thead>
<tr>
<th>Mounting Options</th>
<th>Ordering Code Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>01  No Mounting Lug</td>
<td>1) All connector sizes up to 43 contacts single row / 086 contacts dual row are available upon request.</td>
</tr>
<tr>
<td>02  Ø.128” (Ø3.25mm) Mounting Holes</td>
<td>2) The 500 contact code is only available in the 337 series. Green polyphenylene sulphide insulator material will be supplied.</td>
</tr>
<tr>
<td>03  Ø.116” (Ø2.95mm) I.D. Floating Eyelets</td>
<td>3) For details of the extender board and 90 degree bends refer to our website.</td>
</tr>
<tr>
<td>04  Ø.156” (Ø3.96mm) Mounting Holes</td>
<td>4) For lugless connectors, code 01 mounting, specify contact row code 1 or 2.</td>
</tr>
<tr>
<td>07  M3-0.5 Metric Threaded Inserts</td>
<td>5) In-line card guides are only with offset mounting lugs.</td>
</tr>
<tr>
<td>08  #4-40 Unified Threaded Inserts</td>
<td>6) For details of the mounting options refer to next pages.</td>
</tr>
<tr>
<td>12  Ø.128” (Ø3.25mm) Side Mounting Holes</td>
<td></td>
</tr>
<tr>
<td>58   .468” (11.89mm) Offset Card Guides</td>
<td></td>
</tr>
<tr>
<td>68   .344” (8.74mm) Offset Card Guides</td>
<td></td>
</tr>
<tr>
<td>78  In-Line Card Guides</td>
<td></td>
</tr>
</tbody>
</table>

Card Edge Connector 0.156” (3.96mm) Pitch

www.edac.net

Page 1