TY5081,2,3,4 SERIES
2.54mm Pitch Wire To Wire Connector

Specification

<table>
<thead>
<tr>
<th>Specification</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Circuits</td>
<td>03</td>
</tr>
<tr>
<td>Pitch</td>
<td>2.54mm</td>
</tr>
<tr>
<td>Current Rating</td>
<td>3A AC/DC</td>
</tr>
<tr>
<td>Voltage Rating</td>
<td>250V AC/DC</td>
</tr>
<tr>
<td>Contact Resistance</td>
<td>20mΩ MAX.</td>
</tr>
<tr>
<td>Withstand Voltage</td>
<td>1500V AC/minute</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>1,000MΩ MIN.</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-25°C - +85°C</td>
</tr>
<tr>
<td>Applicable Wire Range</td>
<td>AWG #22 - #28</td>
</tr>
</tbody>
</table>

Assembly Layout

TY5084CNO
TY5084HNO

28.1 REF.
4.0

<table>
<thead>
<tr>
<th>TY5083 * - NP - *</th>
<th>TY5084 * - NP - *</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Part No. TY5083,4</td>
<td>1 Material Code</td>
</tr>
<tr>
<td>2 Connection Type:</td>
<td>Blank : As Specified</td>
</tr>
<tr>
<td>CNO : Terminal Crust</td>
<td>NL : Halogen Free</td>
</tr>
<tr>
<td>HNO : Terminal Socket</td>
<td></td>
</tr>
<tr>
<td>3 Number of Contacts:</td>
<td></td>
</tr>
<tr>
<td>NP : Circuits</td>
<td></td>
</tr>
</tbody>
</table>

Note: Color of number(0-White, 1-Black, 2-Brown, 3-Red, 4-Orange, 5-Yellow, 6-Green, 7-Blue, 8-Purple, 9-Grey).
TY5081,2,3,4 SERIES
2.54mm Pitch Wire To Wire Connector

Terminal
Female

Features

Use with: TY5083,TY5084 Series Housing

CONTACT INFORMATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Range</th>
<th>Insulation O.D.</th>
<th>Material</th>
<th>Finish</th>
<th>Q'ty/Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY5081TPO-*</td>
<td>AWG #22-#28</td>
<td>1.60mm(MAX.)</td>
<td>Phosphor bronze</td>
<td>See note</td>
<td>10,000 pcs</td>
</tr>
</tbody>
</table>

Note:
- A: Tin-plated   - G3: Gold 3 μ"  
  For this product in a different specification please contact TYU for more information

Terminal
Male

Features

Use with: TY5083,TY5084 Series Housing

CONTACT INFORMATION

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Wire Range</th>
<th>Insulation O.D.</th>
<th>Material</th>
<th>Finish</th>
<th>Q'ty/Reel</th>
</tr>
</thead>
<tbody>
<tr>
<td>TY5082TBO-*</td>
<td>AWG #22-#28</td>
<td>1.60mm(MAX.)</td>
<td>Brass</td>
<td>See note</td>
<td>10,000 pcs</td>
</tr>
</tbody>
</table>

Note:
- A: Tin-plated   - G3: Gold 3 μ"  
  For this product in a different specification please contact TYU for more information
TY5081,2,3,4 SERIES

2.54mm Pitch Wire To Wire Connector

Crust

Features
- Available Number of Circuits: 03
- Material: P.B.T. UL 94V-0(Black)(Standard / Halogen Free)
- Mates with: TY5083 Series Male Housing
- Part No.: TY5083CNO-03-*

Housing

Features
- Available Number of Circuits: 03
- Material: P.B.T. UL 94V-0(Black)(Standard / Halogen Free)
- Use with: TY5081, TY5082 Crimp Terminal
- Mates with: TY5083CNO Series
- Part No.: TY5083HNO-03-*
TY5081,2,3,4 SERIES

2.54mm Pitch Wire To Wire Connector

Crust

Features
Available Number of Circuits: 03
Material: P.B.T. UL 94V-0(Black)(Standard / Halogen Free)
Mates with: TY5084 Series Male Housing
Part No.: TY5084CNO-03-*

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Housing

Features
Available Number of Circuits: 03
Material: P.B.T. UL 94V-0(Black)(Standard / Halogen Free)
Use with: TY5081, TY5082 Crimp Terminal
Mates with: TY5084CNO Series
Part No.: TY5084HNO-03A-*
**TY5081,2,3,4 SERIES**

**2.54mm Pitch Wire To Wire Connector**

**Housing**

**Features**

Available Number of Circuits : 03  
Material : P.B.T. UL 94V-0(Black)(Standard / Halogen Free)  
Use with : TY5081, TY5082 Crimp Terminal  
Mates with : TY5084CNO Series  
Part No. TY5084HNO-03-*

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**Unit : mm**

![Diagram](image)