









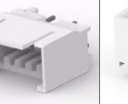



# RAST CONNECTORS DESIGN NAVIGATOR

Selecting the right RAST connector should not be difficult and this design navigator is here to make it easy. Use this document to find connector product lines that meet your application requirements, including optional and non-standard features, and then follow the product page links for detailed product features, sample ordering, and downloadable product specifications.

|   |  | Insulation Displacement Contact (IDC) Connectors                                  |   |   |   |  |   | Crimp Terminal Connectors   |   |   |   | PCB Headers   |   |
|---|--|---|---|---|---|--|---|---|---|---|---|---|---|
|   |  | Monoplug 2.5 Connectors   | Monoplug Power Connectors   | AMP DUOPLUG 2.5 Mark II Connectors  | AMP DUOPLUG Power Connectors  | AMP multifitting Mark II Connectors  | AMP MONO-SHAPE Connectors   | RAST 2.5 Standard Timer Connectors  | RAST 5 Standard Timer Connectors  | Positive Lock RAST 5 Connectors   | FASTIN-FASTON RAST 5 Connector System   | RAST 2.5 Headers  | RAST 5 Headers  |
|   |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Centerline                                  |  | 2.5   | 2.5   | 2.5   | 5   | 5  | 5   | 2.5   | 5   | 5   | 5   | 2.5   | 5   |
| Max Current Rating (A) <sup>1</sup>         |  | 2   | 9   | 2   | 6   | 16   | 16  | 2,3   | 16  | 16  | 24 (with 10AWG wire)  | 6   | 20  |
| Voltage Rating <sup>1</sup>                 |  | 50,250  | 250   | 50,250  | 250   | 250  | 380   | 50,250  | 220   | 500   | 380   | 50, 250   | 250, 400, 600   |
| Flammability Options <sup>1</sup>           | UL 94 Rating                                 | V-0   | V-0   | V-0 & V-2   | V-0 & V-2   | V-0 & V-2  | V-0 & V-2   | V-0   | V-0 & V-2   | V-0   | V-2   | V-0   | V-0 & V-2   |
|   | IEC 60335-1 Glow Wire Available <sup>2</sup> | ●   | ●   | ●   | ●   | ●  | ●   | ●   | ●   | ●   | ●   | ●   | ●   |
| Agency Approval <sup>1</sup>                |  | UL, VDE   | UL, VDE   | UL, VDE   | UL, VDE   | UL, VDE  | UL, VDE   | UL, VDE   | UL, VDE   | UL, CSA   | UL, VDE   | UL, VDE   | UL, VDE   |
| Operating Temp (°C) <sup>1</sup>            |  | -40 to +110   | -40 to +110   | -40 to +110   | -40 to +110   | -40 to +130  | -25 to +105   | -40 to +110   | -40 to +110   | -40 to +105   | -25 to +105   | -40 to +120   | -40 to +120   |
| Wire Size (AWG)                             |  | 24-22   | 22-18.5   | 24-22   | 22-18   | 22-15.5  | 20-15.5   | 24-20   | 22-12   | 22-14   | 22-10   | -   | -   |
| Position Size                               |  | 2-13  | 2-7   | 2-20  | 2-9   | 1-10   | 1-12  | 3-9   | 2-12  | 2-11  | 2-10  | 3-17  | 2-9   |
| Color/Keying Available                      |  | ●   | ●   | ●   | ●   | ●  | ●   | ●   | ●   | ●   | ●   | ●   | ●   |
| Terminal Position Assurance (TPA) Available |  | -   | -   | -   | -   | -  | -   | ● <sup>4</sup>  | ●   | -   | -   | -   | -   |
| Available Configurations                    | Wire-to-Wire                                 | ●   | ●   | ●   | ●   | ●  | ●   | ●   | ●   | ●   | -   | -   | -   |
|   | Wire-to-Board                                | ●   | ●   | ●   | ●   | ●  | ●   | ●   | ●   | ●   | -   | ● <sup>3</sup>  | ● <sup>3</sup>  |
|   | Wire-to-Panel                                | -   | -   | -   | -   | -  | -   | -   | -   | -   | ●   | -   | -   |
| Link to Product Pages                       |  | <a href="#">Monoplug 2.5 Connectors</a>   | <a href="#">Monoplug Power Connector</a>  | <a href="#">AMP DUOPLUG 2.5 Mark II Connectors</a>                                | <a href="#">AMP DUOPLUG Power Connectors</a>                                      | <a href="#">AMP multifitting Mark II Connectors</a>                                | <a href="#">AMP MONO-SHAPE Connectors</a>   | <a href="#">RAST 2.5 Standard Timer Connector</a>                                   | <a href="#">RAST 5 Standard Timer Connectors</a>                                    | <a href="#">Positive Lock RAST 5 Connectors</a>                                     | <a href="#">FASTIN-FASTON RAST 5 Connector System</a>                               | <a href="#">RAST 2.5 Headers</a>  | <a href="#">RAST 5 Headers</a>  |

<sup>1</sup> Specifications and available positions will vary based on configuration and centerline spacing    ● Available

<sup>2</sup> For more information on glow wire testing please review the white paper [Glow Wire Testing for the Appliance Industry](#) or visit the [Glow Wire Capable Connectors product page](#).

<sup>3</sup> Standard and potting versions    <sup>4</sup> Integrated terminal position assurance