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Part Number: [0917168501](#)
Status: **Active**
Overview: RAST Connector System
Description: 2.50mm Pitch Appli-Mate RAST 2.5 IDT Housing, Direct/Indirect, Female, 20 Circuits, Fully Coded

Documents:

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Drawing \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family IDT and Solder Connectors
 Series [91716](#)
 Crimp Quality Equipment Yes
 Overview [RAST Connector System](#)
 Product Name RAST 2.5
 UPC 822350080675
 Use With RAST Standard Interface

Physical

Circuits (Loaded) 20
 Circuits (maximum) 20
 Color - Resin Natural
 Durability (mating cycles max) 10
 Flammability 94V-0
 Gender Female
 Glow-Wire Capable No
 Lock to Mating Part None
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 4.745/g
 Number of Rows 1
 Packaging Type Tray
 Panel Mount No
 Pitch - Mating Interface 2.50mm
 Pitch - Termination Interface 2.50mm
 Plating min - Mating 1.016µm
 Plating min - Termination 1.016µm
 Polarized to Mating Part Yes
 Stackable No
 Temperature Range - Operating -20° to +120°C
 Termination Interface: Style IDT or Pierce
 Wire Size AWG 22, 24

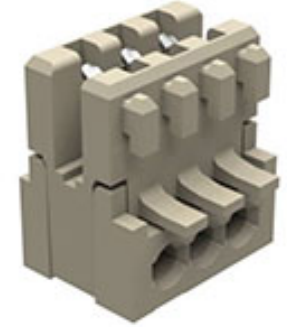
Electrical

Current - Maximum per Contact 2.0A, 4.0A
 Voltage - Maximum 32V AC

Solder Process Data

Lead-free Process Capability N/A

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contained Per -
 D(2020)4578-DC (25
 June 2020)
 Perfluorohexane-1-
 sulphonic acid and its
 salts
 Tris(4-nonylphenyl,
 branched and linear)
 phosphi
 Zirconia
 Aluminosilicate
 Refractory Ceramic
 Fibr
 Aluminosilicate
 Refractory Ceramic
 Fibres
 Boric acid
 2-(2H-benzotriazol-2-
 yl)-4-(tert-butyl)-6-
 (sec-b
 2-(2H-benzotriazol-2-
 yl)-4,6-
 ditertpentylphenol
 2-ethylhexyl 10-
 ethyl-4,4-dioctyl-7-
 oxo-8-oxa-3,
 disodium octaborate
 diisopentylphthalate
 disodium 3,3'-[[1,1'-
 biphenyl]-4,4'-
 diylbis(azo)
 octamethylcyclotetrasiloxane
 dodecamethylcyclohexasiloxane
 perfluorooctanoic acid
 ethylene thiourea
 dicyclohexyl phthalate
 4-aminoazobenzene
 [phthalato(2-)]dioxotrilead

China RoHS

Silicic acid (H₂Si₂O₅),
 barium salt (1:1),
 lead-
 Sulfurous acid, lead
 salt, dibasic
 lead cyanamidate
 Lead titanium
 zirconium oxide
 dioxobis(stearato)trilead
 tetralead trioxide
 sulphate
 lead titanium trioxide
 cadmium sulphide
 bis(pentabromophenyl)
 ether
 1,2-bis(2-
 methoxyethoxy)ethane
 1,2-dimethoxyethane
 bis(2-methoxyethyl)
 phthalate
 pentazinc chromate
 octahydroxide
 potassium
 hydroxyoctaoxidizincatedichromate(1-)
 bis(2-methoxyethyl)
 ether
 1,2-
 benzenedicarboxylic
 acid; di-C6-8-
 branched a
 1,2-
 benzenedicarboxylic
 acid; di-C7-11-
 branched
 strontium chromate
 Lead sulfochromate
 yellow
 Lead chromate
 molybdate sulfate red
**Halogen-Free
 Status**
Low-Halogen
 For more information, please visit [Contact US](#)

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
[91716 Series](#)

Mates With
[93070](#)

Application Tooling | [FAQ](#)
Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description	Product #
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RAST 2.5 Semi- 623006200
Automatic
Terminator Machine
Hand Tool for Appli- 638272900
Mate RAST 2.5,
RAST Signal, and R-
Power Connectors

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