Regulatory Data Sheet

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Document Group:	43-2072-7	**Version Number:**	12.00
Issue Date:	07/09/26	**Supersedes Date:**	02/25/26

3M(TM) Mini Delta Ribbon (MDR) Connector 103 Series, 103xx-52x0-008

Product Identification Numbers
JE-1501-8036-0, JE-1501-8037-8, JE-1501-8038-6, JE-1501-8823-1, JE-1501-8827-2
7000007383, 7000007384, 7000007385, 7000007399, 7000007401

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RDSs are available at www.3M.com

Regulations and Industry Standards

California Proposition 65
This product is an industrial product manufactured outside of California. It has not been assessed for consumer sale or use. Contact the manufacturer if more information is needed for your use.
China RoHS
This product or part does not exceed the maximum concentration values (MCVs) in China RoHS GB/T 26572-2011/AMD No. 1 (Requirements of Concentration limits for certain restricted substances in electrical and electronic products), which means that each of the homogeneous materials within this product is below the following MCVs: (a) 0.1% (by weight) for lead and its compounds, mercury and its compounds, hexavalent chromium and its compounds, polybrominated biphenyls, polybrominated diphenyl ethers, di(2-ethylhexyl) phthalate, butyl benzyl phthalate, dibutyl phthalate, or diisobutyl phthalate; and (b) 0.01% (by weight) for cadmium and its compounds.
EU Fluorinated Greenhouse Gas
The product is not known to contain a Fluorinated Greenhouse Gas (or F-GAS) listed in Annexes I, II and III of Regulation (EU) No 2024/573 of the European Parliament.
EU REACH
Substances listed in Annex XIV of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) are not intentionally added to this product.
EU REACH
This product, including any article that the product is composed of, does not contain at greater than 0.1% by weight a Substance of Very High Concern (SVHC) substance identified according to Article 59 of REACH. This declaration reflects

the substances on the candidate SVHC list, effective February 2026.

EU REACH

This product or part is known to contain a substance listed in Annex XVII. *As 3M has placed the product on the market, it is done so in accordance with EU REACH restrictions listed in column 2 of Annex XVII of Regulation (EC) No.1907/2006. The intended use for the product is as an electrical connection in industrial applications. If your downstream use is anything other than the use stated, please contact us.*

EU RoHS

This product does not exceed the maximum concentration values (MCVs) set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as stated in Annex II to that directive. This means that each of the homogenous materials within this product does not exceed the following MCVs: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium.

EU RoHS Phthalates

This product does not exceed the maximum concentration values (MCVs) for phthalates set under EU Directive 2011/65/EU (RoHS recast/RoHS 2), as amended by EU 2015/863, which applies to finished EEE after July 22, 2019 for Category 1-7, 10-11 products and after July 22, 2021 for Category 8 and 9 products. This means that each of the homogeneous materials within this product does not exceed the MCV of 0.1% (by weight) for each of the following phthalates: DEHP, BBP, DBP, and DIBP.

Stockholm Agreement

This product does not contain Persistent Organic Pollutants (POPs) at or above applicable thresholds per Annexes A, B, and C of the Stockholm Convention, May 2004 and subsequent amendments.

TSCA Section 6(h) PBT Chemicals

This product is not known to contain the five TSCA Section 6(h) Persistent, Bioaccumulative, and Toxic (PBT) Chemicals issued December 2020: Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5), 2,4,6-Tri-tert-butylphenol (CAS 732-26-3), Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (CAS 68937-41-7), Hexachlorobutadiene (HCBD) (CAS 87-68-3), and Pentachlorothiophenol (PCTP) (CAS 133-49-3).

Chemicals and/or Compounds of Interest

Antimony and (Sb) Compounds : Contains.
Asbestos : Not known to contain.
Azocolorants and Azodyes : Not known to contain.
Benzenamine, N-Phenyl-, Reaction Products with Styrene and 2,4,4-Trimethylpentene (BNST) (CAS 68921-45-9) : Not known to contain.
Bismuth and (Bi) Compounds : Not known to contain.
Decabromodiphenyl ethane (DBDPE) (CAS 84852-53-9) : Not known to contain.
Dibutyl Tin Compounds : Not known to contain.
Dihexyl phthalate (DNHP) (CAS 84-75-3) : Not known to contain.
Diisodecyl Phthalate (DIDP) : Not known to contain.
Diisononyl Phthalate (DINP) : Not known to contain.
Dimethyl Fumarate (DMF) (CAS 624-49-7) : Not known to contain.
Di-n-Octyl Phthalate (DNOP) (CAS 117-84-0) : Not known to contain.
Dioctyltin Compounds : Not known to contain.
Dioxins and Furans : Not known to contain.
Formaldehyde (CAS 50-00-0) : Not known to contain.
Gallium (CAS 7440-55-3) : Not known to contain.
Germanium (CAS 7440-56-4) : Not known to contain.
Graphite (CAS 7782-42-5) : Not known to contain.
Indium and (In) Compounds : Not known to contain.
Medium-chained chlorinated paraffins, C14-C17 (MCCP) : Not known to contain.
Molybdenum and (Mo) Compounds : Not known to contain.
Ozone Depleting Chemicals (ODCs) : Not known to contain.
Polycyclic Aromatic Hydrocarbons (PAHs) : Not known to contain.
Radioactive Substance : Not known to contain.
Rare Earth Elements (REE) or Rare Earth Metals (REM) : Not known to contain.
Red phosphorus : Not known to contain.

Tributyl Tin Compounds : Not known to contain.
Tributyltin Oxide (TBTO) (CAS 56-35-9) : Not known to contain.
Triphenyl Tin Compounds : Not known to contain.
Tris(1 chloro-2-propyl) phosphate (TCPP) (CAS 13674-84-5) : Not known to contain.
Tris(1,3 dichloro-2-propyl) phosphate (TDCPP) (CAS 13674-87-8) : Not known to contain.
Tris(2-chloroethyl) phosphate (TCEP) (CAS 115-96-8) : Not known to contain.
Tungsten and (W) Compounds : Not known to contain.

Per- and Polyfluoroalkyl Substances (PFAS)

PFAS refers to a broad range of thousands of materials with varying properties and characteristics, which may include high resistance to oil, water, temperature, chemicals, and fire, which makes certain PFAS critical to the functioning of many modern products.

Long-chain perfluoroalkyl carboxylate LCPFCA (C9-C21) : Not intentionally added.
Perfluorohexane sulfonate (PFHxS) : Not intentionally added.
Perfluorohexanoic acid (PFHxA) (CAS 307-24-4) : Not intentionally added.
Perfluorooctanesulfonic Acid (PFOS) (CAS 1763-23-1) : Not intentionally added.
Perfluorooctanoic Acid (PFOA) (CAS 335-67-1) : Not intentionally added.
Polytetrafluoroethylene (PTFE) (CAS 9002-84-0) : Intentionally added. *1%*

Definitions

Note: all Definitions take Disclaimers into account and apply to the "Chemicals and/or Compounds of Interest" and/or "Per and poly-fluoroalkyl Substances (PFAS)" sections only

Terms	Definitions
Contains*	Present based on composition information disclosed by 3M suppliers, analytical testing, or both.
Not known to contain*	1. Analytical measurement for presence is not currently available; 2. If measurement is possible, a) The material has not been identified or disclosed to 3M and b) The material has not been specifically quantified or detected; OR c) Based on information from raw material suppliers, possible presence as an impurity or by-product at or below regulatory thresholds (e.g., 0.1 or 0.01 %)
Intentionally added**	Desired in the final product to provide a specific characteristic, appearance, or quality and/or to perform a specific function.
Not intentionally added**	By-product(s), impurity(ies) and/or unintended artifact(s) resulting from the formulation and/or manufacture of a material.
By-product***	A chemical substance produced without a separate commercial intent during the manufacture, processing, use, or disposal of another chemical substance or mixture.
Impurity***	A chemical substance which is unintentionally present with another chemical substance (e.g., residuals, catalysts, process solvents).

**Terms apply to the Chemicals and/or Compounds of Interest Section only (if section is present)*
***Terms apply to the PFAS Section only (if section is present)*
****Terms apply to both the Chemicals and/or Compounds of Interest and PFAS Sections (if section(s) are present)*

Disclaimers: The information provided in this document related to material content represents 3M's knowledge and belief, which may be based in whole or in part on information provided by suppliers to 3M. This is intended to answer commonly asked questions about 3M products and is not intended to be a comprehensive listing of all substances that may be of interest or that may be regulated in this or other 3M products, nor is it intended to be a comprehensive summary of any and all regulations that may apply to this product. Where substances are listed, their listing does not infer or constitute a judgment as to their safety, environmental or health impacts. Information is supplied upon the condition that the persons receiving the same will make their own determination as to its suitability for their purposes prior to use. Customers are encouraged to consult with legal and regulatory experts to determine applicable regulations in light of intended use of the product.

Limitation of Remedies and Liability: In the event any Product is proven not to conform with the information in this document, then to the extent permitted by law, 3M's entire liability and Buyer's exclusive remedy, will be at 3M's option either: (i) replacement of Product with a conforming product, or (ii) refund

of the purchase price paid by Buyer for each non-conforming Product, within a reasonable time after written notification of said non-conformance and return of said Product to 3M. 3M shall not under any circumstances be liable for direct, incidental, special, or consequential damages (including but not limited to loss of profits, revenue, or business) related to or arising out of this certification, including, the use, misuse or inability to use the Product. Unless stated otherwise in writing, the foregoing language cannot be waived, modified, or supplemented in any manner whatsoever.