## Regulatory Data Sheet

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# 3M™ Mini D Ribbon (MDR) Connectors, 3412-102XX

**Product Identification Numbers**
JE-1501-3681-8, JE-1501-3682-6, JE-1501-3683-4, JE-1501-3684-2, JE-1501-3685-9, JE-1501-3686-7, JE-1501-8119-4
7010320945, 7100023754, 7010353862, 7010291111, 7000007348, 7010353863, 7010404026

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**RDSs are available at www.3M.com**

## Regulations and Industry Standards

**SDS (US OSHA)**
This product is an article and therefore is not subject to the requirements of the US Occupational Safety and Health Administration's (OSHA) Hazardous Communications Standard 29 CFR 1910.1200(b)(6)(v) to provide a Safety Data Sheet (SDS).
**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.
**Conflict Minerals**
Conflict Minerals, which the U.S. Securities and Exchange Commission ("SEC") has defined as gold, columbite-tantalite (coltan), cassiterite, wolframite, or their derivatives (tin, tantalum, or tungsten), are not contained in or are not "necessary to the functionality or necessary to the production" of the above-listed product, as the term "necessary to the functionality or the production" is defined under the SEC's Conflict Minerals Rule. 77 Fed. Reg. 56274 (Sept. 12, 2012).
**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**

Substances listed in Annex XVII of Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) are not known to be contained in this product.

**EU REACH**

This product is an article, without intended release of a chemical substance, under the Regulation No 1907/2006 of the European Parliament and the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (refer to REACH, Article 3(3)). It is not a chemical preparation. Therefore, it is not subject to the (pre)-registration or the registration process. It does not require a safety data sheet.

**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 June 2025.

**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.

**Sustainability and 3M**

Go to www.3M.com/sustainability to learn about 3M's programs. 3M is a signatory of the United Nations Global Compact (UNGC).

**Sustainability and 3M's Code of Conduct**

Go to www.3M.com/businessconduct

**TSCA Section 6**

This product is not known to contain 2,4,6-Tri-tert-butylphenol (CAS 732-26-3).

**TSCA Section 6**

This product is not known to contain Decabromodiphenyl Ether (Deca-BDE) (CAS 1163-19-5).

**TSCA Section 6**

This product is not known to contain Hexachlorobutadiene (HCBD) (CAS 87-68-3).

**TSCA Section 6**

This product is not known to contain Pentachlorothiophenol (PCTP) (CAS 133-49-3).

**TSCA Section 6**

This product is not known to contain Phenol, isopropylated phosphate (3:1) (PIP (3:1)) (CAS 68937-41-7).

**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

**Arsenic and (As) Compounds** : Not known to contain.

**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.
**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.
**Medium-chained chlorinated paraffins, C14-C17 (MCCP)** : 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.

## 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.
**Perfluorohexanoic acid (PFHxA) (CAS 307-24-4)** : Not intentionally added.
**Polytetrafluoroethylene (PTFE) (CAS 9002-84-0)** : Not intentionally added.

## 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;<br>2. If measurement is possible,<br>a) The material has not been identified or disclosed to 3M and<br>b) The material has not been specifically quantified or detected; OR<br>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)*

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