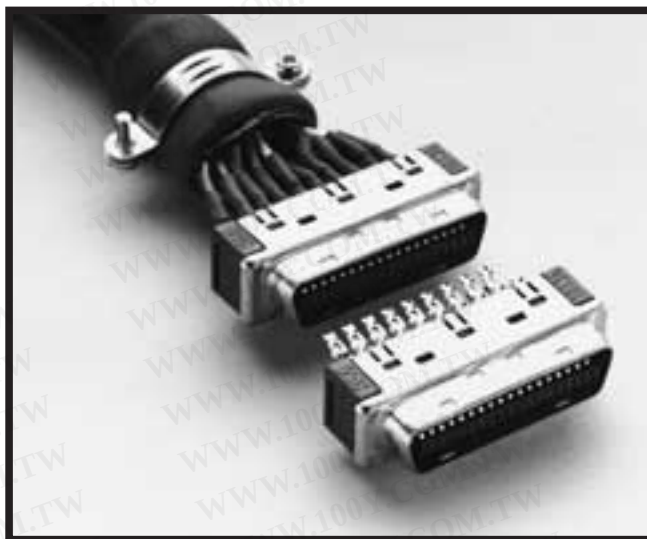


101xx-3000VE

ミニチュアデルタリボン (MDR)システム ハンダ付プラグ

- ハーブピッチI/Oコネクタの「業界の標準品」MDRシステム
- プレフォース型カンチレバーコンタクト採用による高信頼性を確保した低挿入抜去力とこじり対策
- AWG#24～#30の幅広いケーブルサイズに適合
- 特別な治工具有が不要なハンダ付け結線方式
- 従来型のコネクタと遜色のない360℃、10秒のハンダ耐熱性
- ハンダ付け作業性を考慮した独自のコンタクト形状



[材料及び処理]	■部品名	■材料及び処理	■備考
	ボディ	ガラス強化ポリエステル	UL94V-0、黒色
	シュラウド	銅	ニッケルメッキ：4 μm以上
	コンタクト	銅合金	下地：ニッケルメッキ：2.5 μm以上／接触部：金メッキ：0.5 μm以上／ハンダ付け部：ハンダメッキ：2.0 μm以上

[適合対象]	■コネクタ	■ケーブル	■シェルシステム
	MDRリセプタクル	AWG#24～#30	MDRノンシールドシェルキット（ストレート型） 103XX-42□0-008 103XX-52□0-008（40極を除く） MDRノンシールドシェルキット（ライトアングル型） 103XX-4□□0-008（-F） 103XX-5□□0-008（-F）（20,36,40極）

[定 格]	■項目	■規格
	電流	0.5A MAX.
	電圧	AC:150V MAX./DC:200V MAX.
	周囲温度	-55℃～+85℃

[電気的特性]	■項目	■特性	■条件
	耐電圧	漏れ電流1mA以内で絶縁破壊が発生しないこと。	隣接ポスト間にAC500V・RMSを1分間印加。
	絶縁抵抗	500MΩ以上	隣接コンタクト間にDC500V印加し、1分後、測定する。
	接触抵抗	初期接触抵抗各メッキ仕様共通35mΩ以下 環境試験後の接触抵抗変化／ 各メッキ仕様共通±25mΩ以下	抵抗測定電流1.5mA 開放電圧20mVの4端子法にて測定する。 （弊社適合コネクタとの組み合わせ時であり、バルク抵抗を含む。）

[機械的特性]	■項目	■特性	■条件
	コンタクト保持力	9.8N以上(1kgf)	抜去スピード5mm/分で測定する。
	抜去力	挿入力 1.47N以下(150gf) 抜去力 0.39N以上(40gf)	弊社コネクタとの組み合わせによる挿抜スピード5mm/分で測定する。 規格は、単極当たりの算出値。
	耐振動性	試験後、機械・電気的特性を満足すること。 瞬断1μ秒以下	振動試験時に瞬断を測定する。（表1参照）
	耐衝撃性	試験後、機械・電気的特性を満足すること。 瞬断1μ秒以下	50G 11m秒 X・Y・Z軸方向各3回
	耐久性	試験後、機械・電気的特性を満足すること。 但し、挿入抜去は初期値の±20%以内のこと。	挿入、抜去速度360～600回/時 挿入、抜去回数50回

[耐環境特性]	■項目	試験条件	■準拠規格
	耐湿試験	-10～65℃、95%RH/10サイクル	—
	塩水噴霧試験	塩化ナトリウム5%溶液、35℃/48時間	—
	熱衝撃試験	-55℃→25℃→85℃→25℃/5サイクル	—
	湿度試験(定常温度)	40℃、95%RH/96時間	—
	高温寿命試験	定常電流：定格電流×110%、85℃/1000時間	—
	H ₂ Sガス	濃度3±1PPM 40℃、70～80%RH/96時間	JEIDA-25-1974
	振動試験	10→55Hz、振幅1.52mmまたは10G、1分間挿引/X・Y・Z 軸方向各2時間	—

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 胜特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

101XX-3000VE

ミニチュアデルタリボン
(MDR)システム
ハンダ付プラグ

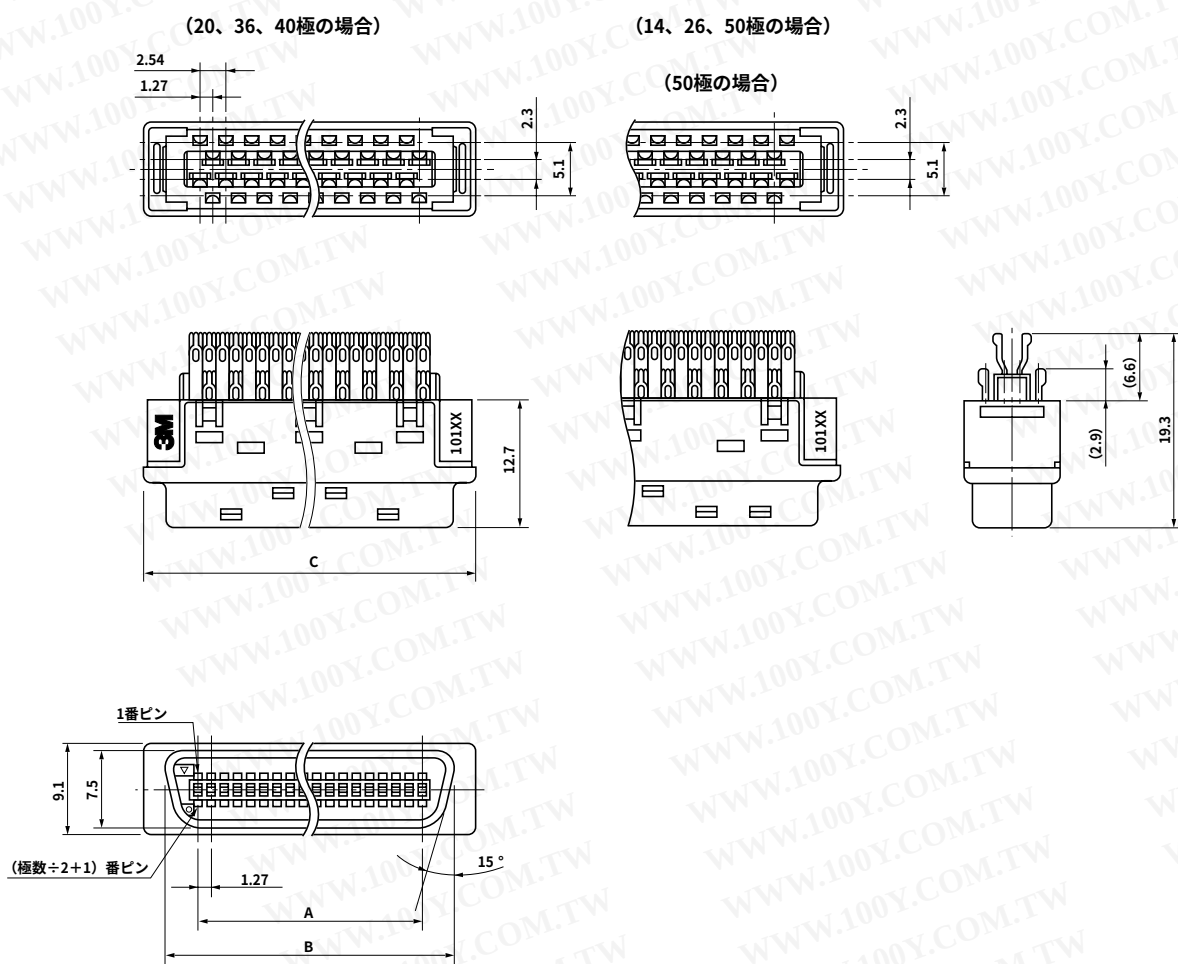
■オーダーインフォメーション

101XX-3000VE

極数表示 14、20、26、36、40、50

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※注記 本製品は、ノンシールドシェルキット以外のシェルシステムとは適合しません。



■極数	■製品番号	■A	■B	■C
14	10114-3000VE	7.62	13.6	18.2
20	10120-3000VE	11.43	17.6	22.0
26	10126-3000VE	15.24	21.5	25.8
36	10136-3000VE	21.59	27.8	32.2
40	10140-3000VE	24.13	30.3	34.7
50	10150-3000VE	30.48	36.7	41.1

指定外寸法公差		
寸法	.0	.00
公差	±.3	±.13

単位=mm

103xx-42□0-008

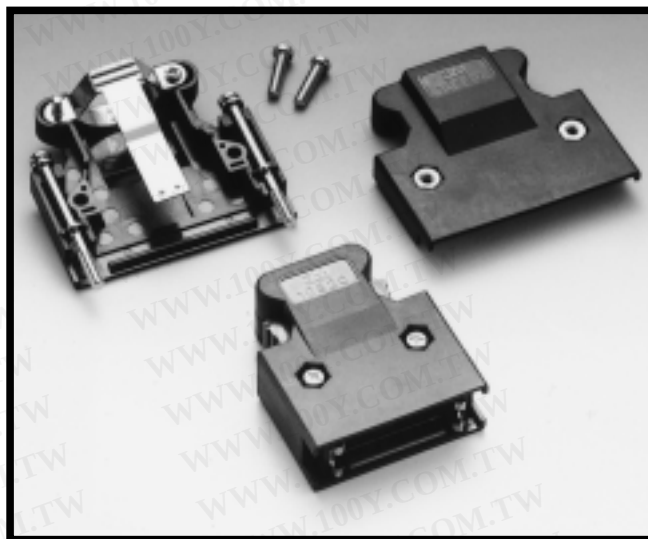
103xx-52□0-008

ミニチュアデルタリボン

(MDR)システム

ノンシールドシェルキット(ストレート型)

- ハーフピッチI/Oコネクタの「業界の標準品」MDRシステム
- アプリケーションによって使い分けられるジャックスクリューとワンタッチロックの2つの嵌合固定式
- ハンダ付けプラグと通常の圧接型プラグに適合
- 組み立て性と強度を両立させた同一形状の2ピース構造
- グランドプレートによる効率的なシールド処理
- 細径ケーブル用にオプションでコンプレッションインサートを用意



[材料及び処理]	■部品名	■材料及び処理	■備考
	シェルボディ (2個)	ガラス強化ポリエステル	UL94V-0、黒色
	ラッチ (2個)	ポリエステルおよびステンレス鋼	-42F0、-52F0、52Y0の場合のみ
	ネジM2.6×30 (2個)		-42A0、-52A0、52Z0の場合のみ
	ケーブルクランプ	ステンレス鋼	-52□0の場合1個、42□0の場合2個
	グランドプレート付きケーブルクランプ	ステンレス鋼	-52□0の場合のみ1個
	ネジM2.6×10 (2個)、ナットM2.6 (2個)、ネジM2×6 (2個)		

[適合対象]	■コネクタ	■アクセサリ	■ケーブル外覆仕上がり径 (MAX)		■パネル厚	■ジャックスクリュー推奨締め付けトルク	
	MDRハンダ付けプラグ 101XX-3000〇〇	コンプレッションインサート 10607-C□□8	極数	最小	最大	2.0mm以下 (ワッシャー厚を含む)	0.20±0.05N/m (2.0±0.5kgf/cm)
	MDRプラグ 101XX-6000〇〇	(20、26極用のみ)	14極: φ7.0mm、	φ8.0mm			
			20極: φ11.0mm、	φ12.0mm			
			26極: φ11.0mm、	φ12.0mm			
			36極: φ15.0mm、	φ16.0mm			
			50極: φ15.0mm、	φ16.0mm			
			50極薄型: φ15.0mm用				

[品質特性]	■使用温度
	-55℃～85℃

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103XX-42□0-008
103XX-52□0-008

ミニチュアデルタボ
(MDR)システム
ノンシールドシェルキット
(ストレート型)

■オーダーインフォメーション

103XX-□2□0-008

リセプタクルとの固定方法

A : ジャックスクリューM2.6型

F : ワンタッチ型

Y : 薄型シェルワンタッチ型 (50極のみ)

Z : 薄型シェルジャックスクリューM2.6型 (50極のみ)

ケーブルクランプのグランドプレートの有無

4 : グランドプレートなし

5 : グランドプレートつき

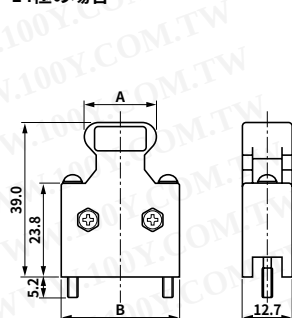
極数表示 14、20、26、36、50

1)誤挿入防止キー付きの製品もあります。詳細は弊社販売担当までお問い合わせ下さい。

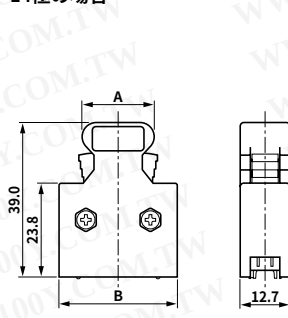
2)ストッパー付きジャックスクリューを使用することも可能です。詳細は弊社販売担当までお問い合わせ下さい。

※注記 ジャックスクリューM2.6型はパネルマウントされたリセプタクルとは適合しません。

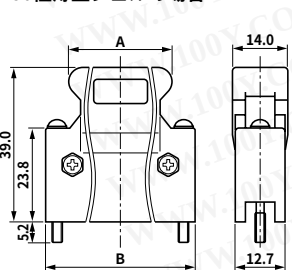
ジャックスクリューM2.6型
14極の場合



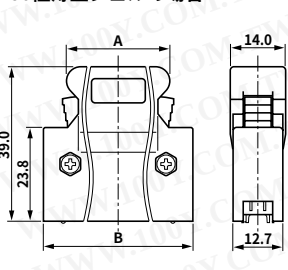
ワンタッチロック型
14極の場合



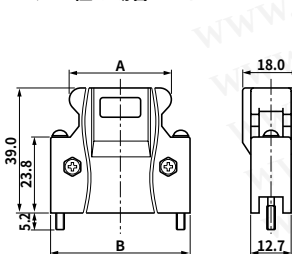
ジャックスクリューM2.6型
20、26極、および
50極薄型シェルの場合



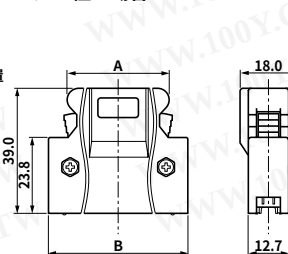
ワンタッチロック型
20、26極、および
50極薄型シェルの場合



ジャックスクリューM2.6型
36、50極の場合



ワンタッチロック型
36、50極の場合



■極数	■製品番号	■A	■B	■C	■D	■E
14	10314-□2□0-008	18.2	29.5	23.6	8.5	7.0
20	10320-□2□0-008	22.0	33.3	27.4	12.0	10.0
26	10326-□2□0-008	25.8	37.2	31.3	12.0	10.0
36	10336-□2□0-008	32.2	43.5	37.6	17.0	14.0
50	10350-□2A0-008	41.1	52.4	46.5	17.0	14.0
	10350-□2F0-008	41.1	52.4	46.5	17.0	14.0
	10350-52Y0-008	41.1	52.4	46.5	17.0	8.5
	10350-52Z0-008	41.1	52.4	46.5	17.0	8.5

指定外寸法公差		
寸法	.0	.00
公差	±.3	±.13

単位=mm

GT
MDR

3M™ I/O MDR Copper Connectors

.050" Mating and Accessory Charts

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MDR Connectors Mating Chart

Part Number	Tech Sheet	Surfacemount			Thru Hole		
		Description	Straight	Right Angle	Straight	Right Angle	Condo
101XX-3000	TS0669	MDR, Wiremount Socket/Accessories	102XX-2200	102XX-1210 10226-1A10	102XX-62X2	X102XX-55X3XX N102XX-52XX	102XX-M218
101XX-6000	TS0423	MDR, Wiremount Socket/Accessories					
101XX-8000	TS0514	MDR, Wiremount Socket/Accessories	N/A	N/A	N/A	10236-5DX3	N/A
101XX-900A	TS0698	MDR, Boardmount Plug	N/A	102XX-1210	102XX-62X2	X102XX-55X3XX N102XX-52XX	N/A

MDR Connectors Mating Chart

Part Number	Tech Sheet	MDR Wiremount Socket/Accessories	Straddlemount	Wiremount	Solder
102XX-0210	TS0425	MDR, Boardmount Plug	101XX-900A	101XX-6000	101XX-3000
102XX-R2XXS	TS0961				

Wire Accomodations and Accessories

Part Number	Technical Sheet	Type	Cable	Shell	Dust Cover	Tooling
101XX-3000	TS0669	Shielded Solder Plug	Discrete 24-30 AWG	52FO	3412-102XX	N/A
101XX-6000	TS0423	Shielded IDC Plug	See chart below	103XX See chart below		10960-2000
101XX-8000	TS0514	Non-shielded IDC Plug	.025" pitch flat 30 AWG (1)	N/A		10980-3
101XX-900A	TS0698	Straddlemount Plug	N/A	Custom		N/A
102XX-0210	TS0425	Panelmount IDC Receptacle	.050" pitch flat 28-30 AWG	N/A		10951
102XX-R2XXS	TS0961	Boardmount Compliant Pin Shielded Receptacle	N/A	N/A		10991-XX 10992-XX

MDR 101XX-6000 Connector Table for Wire Accommodations and Accessories

Shielded Round Cable Junction Shells						Shielded Flat Cable Junction Shells			
Contact Quantity	Plastic			Metal		3M Round Cables	Metal		3M Flat Cables
103XX	-3210	-3280	-32J0	-A200	-A500		-1230	-12R1	
14	X	---	---	X	---	3600 3647	---	---	3749 90101 90201 90111 90211
20	X	---	---	X	---		---	---	
26	X	---	x	X	X		X	---	
36	X	---	---	X	X		X	---	
40	X	---	---	X	---		X	---	
50	X	X	X	X	X		X	---	
68	X	X	X	X	X		---	X	
80	X	X	---	---	---		---	X	
100	---	---	---	X	---		---	X	



Regulatory Data Sheet

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Issue Date: 04/01/20

Version Number: 3.00
Supersedes Date: 06/04/19

3M™ Mini Delta Ribbon (MDR) Connectors, 101 Series, 101XX-3000PX

Product Identification Numbers

JE-1503-3281-3, JE-1503-3283-9, JE-1503-3475-1, JE-1503-4905-6, JE-1503-4910-6, JE-1503-5105-2, JE-1503-5107-8, JE-1504-2998-1, JE-1504-2999-9, JE-1504-3000-5, JE-1504-8156-0, JE-1504-8157-8, JE-1504-8158-6, JE-1504-8159-4, JE-1504-8160-2, JE-1504-8161-0
7000007688, 7000007598, 7000007600, 7000007606, 7010404209, 7010404210, 7010304872, 7100010171, 7000007689, 7000007690, 7100206785, 7100206784, 7100206783, 7100206779, 7100206778, 7100207171

3M
Electronics Materials Solutions Division
3M Center, St. Paul, MN 55144-1000, USA
1-888-3M HELPS (1-888-364-3577)

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 (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 or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium and its compounds.

CONEG

This product complies with the US CONEG (Coalition of Northeastern Governors) Model Toxics in Packaging Legislation as there is no intentionally added lead, cadmium, hexavalent chromium or mercury, and the sum total concentration of these

substances in the product does not exceed 100 ppm by weight.

Conflict Minerals

On August 22, 2012, the Securities and Exchange Commission (SEC) adopted final rules on conflict minerals reporting, pursuant to Section 1502 of the Dodd-Frank Act which requires manufacturers of products containing “conflict minerals” to disclose to the SEC whether those minerals are sourced from the Democratic Republic of Congo (DRC) or adjoining countries. 3M has been participating in the EICC-GeSI Extractives Workgroup, and are incorporating the EICC-GeSI Conflict Minerals Reporting template in existing systems for use with suppliers of materials that may contain conflict minerals covered by the SEC rules. 3M will provide product-specific information once the required supply chain data has been obtained.

CPSIA 2008

A Certificate of General Conformity per the US Consumer Product Safety Act, 15 U.S.C. § 2063 (a)(1), as revised by section 102 of the 2008 US Consumer Product Safety Improvement Act, is not required for the requested product.

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 intentionally added to 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 January 2020.

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.

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

Chemicals and/or Compounds of Interest

Arsenic and (As) Compounds : Not intentionally added.

Asbestos : Not intentionally added.

Di(2-Ethylhexyl) Phthalate (DEHP) (CAS 117-81-7) : Not intentionally added.

Natural Rubber Latex (CAS 9006-04-6) : Not intentionally added.

Polyvinyl Chloride (PVC) : Not intentionally added.

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Document Group: 38-1084-3
Issue Date: 04/01/20

Version Number: 2.00
Supersedes Date: 02/26/19

3M™ Mini D Ribbon (MDR) Connectors, 103 Series, 103XX-52F0-008

Product Identification Numbers

JE-1501-8041-0, JE-1501-8824-9, JE-1501-8828-0, JE-1504-2996-5, JE-1504-3016-1
7000007693, 7000007388, 7000007400, 7000007402, 7000007686

3M
Electronics Materials Solutions Division
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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 (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 or polybrominated diphenyl ethers; and (b) 0.01% (by weight) for cadmium and its compounds.

CONEG

This product complies with the US CONEG (Coalition of Northeastern Governors) Model Toxics in Packaging Legislation as there is no intentionally added lead, cadmium, hexavalent chromium or mercury, and the sum total concentration of these substances in the product does not exceed 100 ppm by weight.

Conflict Minerals

On August 22, 2012, the Securities and Exchange Commission (SEC) adopted final rules on conflict minerals reporting,

pursuant to Section 1502 of the Dodd-Frank Act which requires manufacturers of products containing “conflict minerals” to disclose to the SEC whether those minerals are sourced from the Democratic Republic of Congo (DRC) or adjoining countries. 3M has been participating in the EICC-GeSI Extractives Workgroup, and are incorporating the EICC-GeSI Conflict Minerals Reporting template in existing systems for use with suppliers of materials that may contain conflict minerals covered by the SEC rules. 3M will provide product-specific information once the required supply chain data has been obtained.

CPSIA 2008

A Certificate of General Conformity per the US Consumer Product Safety Act, 15 U.S.C. § 2063 (a)(1), as revised by section 102 of the 2008 US Consumer Product Safety Improvement Act, is not required for the requested product.

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 intentionally added to 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 January 2020.

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.

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

Chemicals and/or Compounds of Interest

Arsenic and (As) Compounds : Not intentionally added.

Asbestos : Not intentionally added.

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.

Regulatory Information Appendix

3M Electronic Solutions Division/Interconnect

EUROPE

Appendix E1: European Union RoHS

Directive 2011/65/EU, Restriction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment.

This product is RoHS Compliant 2011/65/EU.

“RoHS Compliant 2011/65/EU” means that the product or part (“Product”) does not contain any of the substances in excess of the maximum concentration values in EU Directive 2011/65/EU. Unless otherwise stated by 3M in writing, this information represents 3M’s best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M’s Regulatory Information Appendix, then 3M’s entire liability and Buyer’s exclusive remedy will be in accordance with the Warranty stated below.

Appendix E3: European Union RoHS

Directive 2011/65/EU, Restriction of the Use of Certain Hazardous Substances in Electrical & Electronic Equipment.

This product contains lead in the solder tail area in excess of the maximum concentration value allowed and is not RoHS compliant.

Unless otherwise stated by 3M in writing, this information represents 3M’s best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M’s Regulatory Information Appendix, then 3M’s entire liability and Buyer’s exclusive remedy will be in accordance with the Warranty stated below.

Appendix E5: European Union RoHS

Directive 2011/65/EU, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment.

This product contains lead in excess of the maximum concentration value allowed but is compliant by exemption under Item 6b of the Annex to the Directive.

“RoHS Compliant 2011/65/EU” means that the product or part (“Product”) does not contain any of the substances in excess of the maximum concentration values in EU Directive 2011/65/EU, unless the substance is in an application that is exempt under EU RoHS. Unless otherwise stated by 3M in writing, this information represents 3M’s best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M’s Regulatory Information Appendix, then 3M’s entire liability and Buyer’s exclusive remedy will be in accordance with the Warranty stated below.

CHINA

Appendix C1: China RoHS

Electronic Industry Standard of the People’s Republic of China, SJ/T11363-2006, Requirements for Concentration Limits for Certain Hazardous Substances in Electronic Information Products.

This symbol, per Marking for the Control of Pollution Caused by Electronic Information Products, SJ/T11364-2006, means that the product or part **does not** contain any of the following substances in excess of the following maximum concentration values in any homogeneous material: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers (excluding decaBDE); or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M’s best knowledge and belief based upon information provided by third party suppliers to 3M.

In the event any product is proven not to conform with 3M’s Regulatory Information Appendix, then 3M’s entire liability and Buyer’s exclusive remedy will be in accordance with the Warranty stated below.

Appendix C2: China RoHS

Electronic Industry Standard of the People's Republic of China, SJ/T11363-2006, Requirements for Concentration Limits for Certain Hazardous Substances in Electronic Information Products.

This symbol, per Marking for the Control of Pollution Caused by Electronic Information Products, SJ/T11364-2006, means that the product or part **does** contain a substance, as detailed in the chart below, in excess of the following maximum concentration values in any homogeneous material: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers (excluding decaBDE); or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's best knowledge and belief based upon information provided by third party suppliers to 3M.

The numerical reference in the symbol above should not be construed as a representation regarding the product's life or an extension of a product warranty. The product warranty is stated below. In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the product Warranty stated below.

产品中有毒有害物质或元素的名称及含量 Name and Content of Hazardous Substances or Elements

部件名称 (Part or Component Name)	有毒有害物质或元素 (Hazardous Substances or Elements)					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
端子镀层(contact plating)	×	○	○	○	○	○
○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规定的限量要求以下。(Indicates that this hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.)						
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。(Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.)						

Appendix C3: China RoHS

Electronic Industry Standard of the People's Republic of China, SJ/T11363-2006, Requirements for Concentration Limits for Certain Hazardous Substances in Electronic Information Products.

This symbol, per Marking for the Control of Pollution Caused by Electronic Information Products, SJ/T11364-2006, means that the product or part **does** contain a substance, as detailed in the chart below, in excess of the following maximum concentration values in any homogeneous material: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers (excluding decaBDE); or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's best knowledge and belief based upon information provided by third party suppliers to 3M.

The numerical reference in the symbol above should not be construed as a representation regarding the product's life or an extension of a product warranty. The product warranty is stated below. In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the product Warranty stated below.

产品中有毒有害物质或元素的名称及含量 Name and Content of Hazardous Substances or Elements

部件名称 (Part or Component Name)	有毒有害物质或元素 (Hazardous Substances or Elements)					
	铅(Pb)	汞(Hg)	镉(Cd)	六价铬(Cr(VI))	多溴联苯(PBB)	多溴二苯醚(PBDE)
合金(Metal alloy)	×	○	○	○	○	○
○：表示该有毒有害物质在该部件所有均质材料中的含量均在SJ/T11363-2006 标准规定的限量要求以下。(Indicates that this hazardous substance contained in all of the homogeneous materials for this part is below the limit requirement in SJ/T11363-2006.)						
×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出SJ/T11363-2006 标准规定的限量要求。(Indicates that this hazardous substance contained in at least one of the homogeneous materials used for this part is above the limit requirement in SJ/T11363-2006.)						

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.

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