

Certificate of Compliance

Certificate Number:

E28476

Report Reference:

E28476-20001207

Issue Date:

2024-AUGUST-15

Issued to:

**TYCO ELECTRONICS CORP
2901 Fulling Mill Rd
Middletown, PA 17057 United States**

This certificate confirms that representative samples of:

**CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL
AND POWER APPLICATIONS - COMPONENT**

See Addendum Page for Models

Have been evaluated by UL in accordance with the component requirements in the Standard(s) indicated on this Certificate. UL Recognized components are incomplete in certain constructional features or restricted in performance capabilities and are intended for installation in complete equipment submitted for investigation to UL LLC

**UL 1977 - Component Connectors for Use in Data,
Signal, Control and Power Applications
CAN/CSA C22.2 No. 182.3 - Special Use Attachment
Plugs, Receptacles, and Connectors**

Additional Information:

See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



David Piecuch
UL Mark Certification Program Owner

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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

(USL) Model(s) 1470222 prefixed by 0-9, suffixed by 0-9, 1470225 prefixed by 0-9, suffixed by 0-9, 1470224 prefixed by 0-9, suffixed by 0-9, 1470772 prefixed by 0-9, suffixed by 0-9,
440133 prefixed by 0-9, suffixed by 0-9, 440052 prefixed by 0-9, suffixed by 0-9,
1470205 prefixed by 0-9, suffixed by 0-9, 1470203 prefixed by 0-9, suffixed by 0-9,
1734006 prefixed by 1, suffixed by 0 thru 5, 1734006 prefixed by 0, suffixed by 2 thru 9,
1734008 prefixed by 0, suffixed by 2 thru 9, 1734008 prefixed by 1, suffixed by 0 thru 5,
1734008 prefixed by 2, suffixed by 3 thru 9, 1734008 prefixed by 3, suffixed by 0 thru 6,
1734009 prefixed by 0, suffixed by 2 thru 9, 1734009 prefixed by 1, suffixed by 0 thru 6, 1-440053-0,
1-440053-1, 1-440053-2, 1-440053-3, 1-440053-4, 1-440053-5, 440053-2, 440053-3, 440053-4, 440053-5, 440053-6, 440053-7, 440053-8, 440053-9, 1586022 prefixed by 0-9, suffixed by 0-9, 1586023 prefixed by 0-9, suffixed by 0-9, 1586026 prefixed by 0-9, suffixed by 0-9,
1586027 prefixed by 0-9, suffixed by 0-9, 1586049 prefixed by 0-9, suffixed by 0-9,
1586101 prefixed by 0-9, suffixed by 0-9, 1586102 prefixed by 0-9, suffixed by 0-9,
1586105 prefixed by 0-9, suffixed by 0-9, 1586045 prefixed by 0-9, suffixed by 0-9,
1586106 prefixed by 0-9, suffixed by 0-9, 440129 prefixed by 0-9, suffixed by 0-9,
440055 prefixed by 0-9, suffixed by 0-9, 440205 prefixed by 0-9, suffixed by 0-9,
440054 prefixed by 0-9, suffixed by 0-9, 1-794954-0, 1-794954-2, 1-794954-4, 1-794954-6,
1-794954-8, 2-794954-0, 2-794954-2, 2-794954-4, 794954-2, 794954-4, 794954-6, 794954-8,
1586041 prefixed by 0-9, suffixed by 0-9, 1586042 prefixed by 0-9, suffixed by 0-9,
1586043 prefixed by 0-9, suffixed by 0-9, 1586044 prefixed by 0-9, suffixed by 0-9,
1586037 prefixed by 0-9, suffixed by 0-9, 1586038 prefixed by 0-9, suffixed by 0-9,
1586039 prefixed by 0-9, suffixed by 0-9, 1586040 prefixed by 0-9, suffixed by 0-9,
1470199 prefixed by 0-9, suffixed by 0-9, 1470201 prefixed by 0-9, suffixed by 0-9,
1734087 prefixed by 0 or 2, suffixed by 2 thru 9, 1734087 prefixed by 1 or 3, suffixed by 0,
1734090 prefixed by 0 or 2, suffixed by 2 thru 9, 1734090 prefixed by 1, suffixed by 0,

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Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

1734089 prefixed by 0, 2, 4, 5, or 7, suffixed by 2 thru 9, 1734089 prefixed by 1 or 6, suffixed by 0, 1586000 prefixed by 0-9, suffixed by 0-9, 1586017 prefixed by 0-9, suffixed by 0-9,
1586018 prefixed by 0-9, suffixed by 0-9, 1-794953-0, 1-794953-2, 1-794953-4, 1-794953-6,
1-794953-8, 2-794953-0, 2-794953-2, 2-794953-4, 794953-2, 794953-4, 794953-6, 794953-8,
1586024 prefixed by 0-9, suffixed by 0-9, 1586025 prefixed by 0-9, suffixed by 0-9, 1586103 prefixed by 0-9, suffixed by 0-9, 1586104 prefixed by 0-9, suffixed by 0-9, 1586019 prefixed by 0-9, suffixed by 0-9, 440146 prefixed by 0-9, suffixed by 0-9, 1775444 prefixed by 0 or 5, suffixed by 2 thru 9, 1775444 prefixed by 1 or 6, suffixed by 0 thru 5, 1775443 prefixed by 0 or 5, suffixed by 2 thru 9, 1775443 prefixed by 1 or 6, suffixed by 0 thru 5, 1775469 prefixed by 0 or 5, suffixed by 2 thru 9, 1775469 prefixed by 1, suffixed by 0 thru 5,
1775470 prefixed by 0 or 5, suffixed by 2 thru 9, 1775470 prefixed by 1, suffixed by 0 thru 5,
1775316 prefixed by 0, suffixed by 2 thru 9, 1775316 prefixed by 1, suffixed by 0 thru 5,
1775317 prefixed by 0, suffixed by 2 thru 9, 1775317 prefixed by 1, suffixed by 0 thru 5, 2132230-2, 2132230-3, 2132230-4, 2132230-5, 2132230-6, 2132230-7, 2132230-8, 2132230-9, 1-2132230-0,
1-2132230-1, 1-2132230-2, 1-2132230-3, 1-2132230-4, 1-2132230-5, 1-2132230-6, 1-2132230-7,

1-2132230-8, 1-2132230-9, 2-2132230-0, 2132415-2, 2132415-3, 2132415-4, 2132415-5, 2132415-6, 2132415-7, 2132415-8, 2132415-9, 1-2132415-0, 1-2132415-1, 1-2132415-2, 1-2132415-3,
1-2132415-4, 1-2132415-5, 1-2132415-6, 1-2132415-7, 1-2132415-8, 1-2132415-9, 2-2132415-0

Connectors, Model(s) 2029265-2, 2029265-4, 2029265-6, 2029265-8, 1-2029265-0, 1-2029265-2,
1-2029265-4, 1-2029265-6, 1-2029265-8, 2-2029265-0, 2-2029265-2, 2-2029265-4

Connectors (USL), Model(s) 1586861-2, 1586861-4, 1586861-6, 1586861-8, 1-1586861-0, 1-1586861-2, 1-1586861-4, 1-1586861-6, 1-1586861-8, 2-1586861-0, 2-1586861-2, 2-1586861-4, 1586862-2, 1586862-4, 1586862-6, 1586862-8, 1-1586862-0, 1-1586862-2, 1-1586862-4,
1-1586862-6, 1-1586862-8, 2-1586862-0, 2-1586862-2, 2-1586862-4

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Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

Connectors, Model(s) 2029113-3, 2029113-4, 2029113-5, 2029154-3, 2029154-4, 2029154-5, 2029181-3, 2029181-4, 2029181-5

Connectors (USL), Model(s) 1586768-2, 1586768-4, 1586768-6, 1586768-8, 1-1586768-0, 1-1586768-2, 1-1586768-4, 1-1586768-6, 1-1586768-8, 2-1586768-0, 2-1586768-2, 2-1586768-4, 2029059-2, 2029059-4, 2029059-6, 2029059-8, 1-2029059-0, 1-2029059-2, 1-2029059-4, 1-2029059-6, 1-2029059-8, 2-2029059-0, 2-2029059-2, 2-2029059-4, 1586863-2, 1586863-4, 1586863-6, 1586863-8, 1-1586863-0, 1-1586863-2, 1-1586863-4, 1-1586863-6, 1-1586863-8, 2-1586863-0, 2-1586863-2, 2-1586863-4, 2029054-3, 2029054-4, 2029054-5, 1-2292404-8, 2-2292405-0, 1586765-2, 1586765-4, 1586765-6, 1586765-8, 1-1586765-0, 1-1586765-2, 1-1586765-4, 1-1586765-6, 1-1586765-8, 2-1586765-0, 2-1586765-2, 2-1586765-4

Connectors , Model(s) 2825253-3, 2825253-4, 2825253-5, 2825254-3, 2825254-4, 2825254-5, 2825255-3, 2825255-4, 2825255-5, y-2825256-x (b)(c), y-2825257-x (b)(c), y-2825258-x (b)(c), y-2825259-x (b)(c), y-2825260-x (b)(c), y-2825261-x (b)(c), y-2825262-x (b)(c), y-2825263-x (b)(c)

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used
(c) - Where y and x combined as yx matches the number represented in basic model XX

Connectors, Model(s) 2825269-3, 2825269-4, 2825269-5, 2825270-3, 2825270-4, 2825270-5, 2825271-3, 2825271-4, 2825271-5, y-2825272-x (b)(c), y-2825273-x (b)(c), y-2825275-x (b)(c), 647676-7, 647676-8, 647676-9, 1-647676-1, 1-647676-2, y-2834196-x (b), y-2834197-x (b), y-2834198-x (b), y-2834199-x (b), y-2834200-x (b), y-2834201-x (b)

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used
(c) - Where y and x combined as yx matches the number represented in basic model XX

Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

Connectors (USL), Model(s) y-2834202-x (b), y-2834203-x (b), y-2834216-x (b)(c), y-2834217-x (b)(c), y-2834218-x (b)(c), y-2834185-x (b)(c), y-2834188-x (b)(c), y-2834189-x (b)(c), y-2834190-x (b)(c)

Connectors, Model(s) y-2834204-x (b)(c), y-2834205-x (b)(c), y-2834191-x (b)(c), y-2834192-x (b)(c), y-2834193-x (b)(c), y-2834194-x (b)(c), y-2834227-x (b)(c), y-2834229-x (b)(c), y-2834230-x (b)(c), y-2834231-x (b)(c), y-2834232-x (b)(c)

Crimping tool, Model(s) y-2834195-x (b)(c)

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used
(c) - Where y and x combined as yx matches the number represented in basic model XX

Connectors, Model(s) y-2834221-x (b)(c), y-2834222-x (b)(c), y-2834223-x (b)(c), y-2834274-x (b)(c), y-2834276-x (b)(c), y-2834277-x (b)(c), y-2834278-x (b)(c), y-2834279-x (b)(c)

Connectors (USL), Model(s) y-2834284-x (b)(c), y-2834285-x (b)(c), y-2834286-x (b)(c), y-2834287-x (b)(c), y-2834288-x (b)(c), y-2834289-x (b)(c), y-2834290-x (b)(c), y-2834291-x (b)(c)

Contact, Model(s) y-2834275-x (b)

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used
(c) - Where y and x combined as yx matches the number represented in basic model XX

Connectors, Model(s) y-2834301-x (b)(c), y-2834303-x (b)(c), y-2834304-x (b)(c)

Connectors (USL), Model(s) y-2834270-x (b)(c), y-2834280-x (b)(c), y-2834282-x (b)(c), y-2834283-x (b)(c), y-2834292-x (b)(c), y-2834294-x (b)(c)

Terminal, Model(s) y-2834271-x (b), y-2834226-x (b)

Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

Crimp Contact, Model(s) y-2834293-x (b), y-2834302-x (b), y-2834281-x (b)

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used
(c) - Where y and x combined as yx matches the number represented in basic model XX

Connectors, Model(s) y-2029056-x (b), 2307184-3, 2307185-3, 2307186-3, 2296205-2, 2296205-4, 2296205-6, 2296205-8, 1-2296205-0, 1-2296205-2, 1-2296205-4, 1-2296205-6, 1-2296205-8, 2-2296205-0, 2-2296205-2, 2-2296205-4, 2296206-2, 2296206-4, 2296206-6, 2296206-8, 1-2296206-0, 1-2296206-2, 1-2296206-4, 1-2296206-6, 1-2296206-8, 2-2296206-0

(b) - Where y and x can be any digit 0-9. If y is 0, blank will be used

Connectors, Model(s) 2-2296206-2, 2-2296206-4, 2296207-2, 2296207-4, 2296207-6, 2296207-8, 1-2296207-0, 1-2296207-2, 1-2296207-4, 1-2296207-6, 1-2296207-8, 2-2296207-0, 2-2296207-2, 2-2296207-4, 2029151-3, 2029151-4, 2029151-5, 2825274-2, 2825274-4, 2825274-6, 2825274-8, 1-2825274-0, 1-2825274-2, 1-2825274-4, 1-2825274-6, 1-2825274-8, 2-2825274-0, 2-2825274-2, 2-2825274-4, 2321953-2, 2321953-4, 2321953-6, 2321953-8, 1-2321953-0, 1-2321953-2, 1-2321953-4, 1-2321953-6, 1-2321953-8, 2-2321953-0, 2-2321953-2, 2-2321953-4, 2321954-3, 2337742-3, 2348032-3, 2348036-4, 2348036-5, 2029028-2, 2029028-4, 2029028-6, 2029028-8, 1-2029028-0, 1-2029028-2, 1-2029028-4, 1-2029028-6, 1-2029028-8, 2-2029028-0, 2-2029028-2, 2-2029028-4, 2029029-2, 2029029-4, 2029029-6, 2029029-8, 1-2029029-0, 1-2029029-2, 1-2029029-4, 1-2029029-6, 1-2029029-8, 2-2029029-0, 2-2029029-2, 2-2029029-4, 1586075-2, 1586744-1, 1586075-4, 1586075-6, 1586829-6, 1586075-8, 1-1586075-0, 1-1586075-2, 1-1586075-4, 1-1586075-6, 1-1586075-8, 2-1586075-0, 2-1586075-2, 2-1586075-4, 1586742-1, 1586588-2,

Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

1586587-2, 1586586-2, 1586585-2, 1586588-4, 1586587-4, 1586586-4, 1586585-4, 1586588-6, 1586587-6, 1586586-6, 1586585-6, 1586588-8, 1586587-8, 1586586-8, 1586585-8, 1-1586588-0, 1-1586587-0, 1-1586586-0, 1-1586585-0, 1-1586588-2, 1-1586587-2, 1-1586586-2, 1-1586585-2, , 1-1586588-4, 1-1586587-4, 1-1586586-4, 1-1586585-4, 1-1586588-6, 1-1586587-6, 1-1586586-6, 1-1586585-6, 1-1586588-8, 1-1586587-8, 1-1586586-8, 1-1586585-8, 2-1586588-0, 2-1586587-0, 2-1586586-0, 2-1586585-0, 2-1586588-2, 2-1586587-2, 2-1586586-2, 2-1586585-2, 2-1586588-4, 2-1586587-4, 2-1586586-4, 2-1586585-4, 2029173-2, 2029173-4, 2029173-6, 2029173-8, 1-2029173-0, 1-2029173-2, 1-2029173-4, 1-2029173-6, 1-2029173-8, 2-2029173-0, 2-2029173-2, 2-2029173-4. 2029110-3, 2029111-3, 2029112-3, 2029177-4, 2029177-5, 2029178-4, 2029178-5, 2029180-4, 2029180-5T

Connectors, Models 1586040-2, 1586040-4, 1586040-6, 1586040-8, 1-1586040-0, 1-1586040-2, 1-1586040-4, 1-1586040-6, 1-1586040-8, 2-1586040-0, 2-1586040-2, 2-1586040-4, 3-1586040-2, 3-1586040-4, 3-1586040-6, 3-1586040-8, 4-1586040-0, 4-1586040-2, 4-1586040-4, 4-1586040-6, 4-1586040-8, 5-1586040-0, 5-1586040-2, 5-1586040-4.

Board to Wire Connectors (USL Only) - 2415884-2, 2415884-4, 2415884-6, 2415884-8

Certificate of Compliance

Certificate Number: E28476
Report Reference: E28476-20001207
Issue Date: 2024-AUGUST-15

Connectors:

Series	Contact Series	Voltage, Vac/dc	Ampere, A	Conductor Sizes, AWG. Str.	Mold stress test, Oven temperature, °C
1586861-2, 1586862-2	794958-1	600	12.5	16	140
1586765-2	794957-1				
1586861-4, 1586862-4,	794958-1		11.5		
1586765-4	794957-1				
1586861-6, 1586862-6,	794958-1		10		
1586861-8, 1586862-8					
1586765-6, 1586765-8	794957-1				
1-1586861-0, 1-1586862-0,	794958-1		9		
1-1586861-2, 1-1586862-2					
1-1586765-0, 1-1586765-2	794957-1				
1-1586861-4, 1-1586862-4,	794958-1		8.5		
1-1586861-6, 1-1586862-6,					
1-1586861-8, 1-1586862-8					
1-1586765-4, 1-1586765-6,	794957-1				
1-1586765-8					
2-1586861-0, 2-1586862-0,	794958-1		8		
2-1586861-2, 2-1586862-2,					
2-1586861-4, 2-1586862-4					
2-1586765-0, 2-1586765-2,	794957-1				
2-1586765-4					
X(0-2)-1586861-X, X(0-2)-1586862-X,	794958-1	7	18		
X(0-2)-1586765-X (02 thru 10 poles)					
X(0-2)-1586765-X (02 thru 10 poles)	794957-1	(For USR evaluation only.)			
X(0-2)-1586861-X, X(0-2)-1586862-X	794958-1	6	20		
(02 thru 06 poles)					
X(0-2)-1586765-X (02 thru 06 poles)	794957-1				
X(0-2)-1586861-X, X(0-2)-1586862-X	794958-1	3	20-22		
(12 thru 24 poles)					
X(0-2)-1586765-X(12 thru 24 poles)	794957-1				
X(0-2)-1586861-X, X(0-2)-1586862-X	794956-1	3	24		
(12 thru 24 poles)					
X(0-2)-1586765-X(12 thru 24 poles)	794955-1				

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Connectors:

Series	Contact Series	Voltage	Ampere	Conductor Sizes, Str.	Mold stress relief, Oven temperature, °C
2296205-2 (02 poles)	2238019-1	600 Vac/dc	5 A	22 AWG	130
2296206-2 (02 poles)	2238018-1, 2415923-1		4 A		
X(0-2)-2296205 (04 thru 24 poles)	2238019-1				
X(0-2)-2296206 (04 thru 24 poles)	2238018-1, 2415923-1				
2296205-2 (02 poles)	2238017-1	600 Vac/dc	9 A	16 AWG	
2296206-2 (02 poles)	2238016-1		8 A(UL Only)		
2296205-4, 2296205-6 (04, 06 poles)	2238017-1				
2296206-4, 2296206-6 (04, 06 poles)	2238016-1				
2296205-8, 1-2296205-0 (08, 10 poles)	2238017-1		7 A(UL Only)		
2296206-8, 1-2296206-0 (08, 10 poles)	2238016-1				
X(0-2)-2296205-X(0-9) (12 thru 24 poles)	2238017-1		6 A(UL Only)		
X(0-2)-2296206-X(0-9) (12 thru 24 poles)	2238016-1				

Connector, Models - X(0-2)-1586861-X(0-9) (t), X(0-2)-1586862-X(0-9) (t), X(0-2)-1586765-X(0-9) (t), X(0-2)-2296205-X(0-9) (t), X(0-2)-2296206-X(0-9) (t)

(t) - Where first "X" can be 0, 1, or 2 and last "X" can be any digit 0-9. If first X is 0, blank will be used. Where first "X" and last "X" combined, "XX" matches the number represented in basic model XX for number of poles

