



Product Change Notification

Current Date: 23-Apr-2023

TE Connectivity

Product Change Notification: PCN-23-171653

PCN Date: 07-APR-23

Customer: Future Electronics(0000080100)

Location: WORLDWIDE

Agreement: Agreement Unknown

TE would like to inform you of the following change(s) to the listed TE Connectivity Product. In case of any further questions about this change(s), please contact your TE Connectivity Sales Engineer. Affected part, drawing and/or specification numbers are listed on the attached sheet(s).

General Product Description:

M12 cordsets elimination of duplications

Description of Changes

Listed part numbers are going to be discontinued and will no longer be available for sales after stock depletion. Attached file is showing a comparison between existing and suggested substitute part numbers. Drawings are available on TE.COM.

Other attachments:

[Comparison existing vs. substitute products](#)

Reason for Changes:

Dear customer, as a result of the continuous strive for improving the ease of doing business, we hereby inform you about the discontinuance of below M12 cordsets which will be replaced by the already existing set of products mentioned below. Substitute products are performing according to TE specifications. TE will start with immediate effect to actively promote and recommend the usage of the substitute parts.

PCN Attributes:

Product Category:	Kind of Change:
Cable Assemblies	Status Change
Change Feature:	Potential Customer Impact:
Discontinuance	No Customer Impact
Remarks:	

Estimated Dates:

Last Order Date (Obsolete Parts Only):	First Ship Date of Changed Items (Changed Parts Only):
07-JUL-2023	
Last Ship Date of Changed Items (Obsolete Parts Only):	Last Date for Mixed Shipments: (Changed Parts Only):
07-MAR-2024	No Mixed Shipments
Effectivity Date:	Date of First Samples:

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2273035-1	YES				T4151310005-003		REFER DRAWING
1-2273035-1	YES				T4151310005-003		REFER DRAWING
2273041-1	YES				T4151320008-003		REFER DRAWING
2273049-1	YES				T4161320008-003		REFER DRAWING
2273049-1	YES				T4161320008-003		REFER DRAWING

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2273035	1-2273035-1		A3	
2273041	2273041-1		A	
2273049	2273049-1		A1	

Customer: Future Electronics Ltd (1273129)

Location: Egham

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2273035-1	YES				T4151310005-003		REFER DRAWING
2273049-1	YES				T4161320008-003		REFER DRAWING

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2273035	1-2273035-1		A3	
2273049	2273049-1		A1	

Customer: Future Electronics Inc (184927)

Location: Pointe Claire

Agreement Number: Agreement Unknown

Part Number(s) being Modified:

Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
2273041-1	YES				T4151320008-003		REFER DRAWING

The documents listed below are being modified. Related parts that are not explicitly listed on this PCN are not being modified or discontinued as per the PCN. The Last Order Date, Last Ship Date, First Date to Ship Changed Parts and last date for Mixed Shipments apply only to parts explicitly listed on this PCN.

Customer Drawing(s) Being Modified:

Drawing Number	Related Part Number	Customer Part Number	Current Revision	New Revision
2273041	2273041-1		A	

Customer: Future Electronics Ltd (2895038)

Location: Leipzig

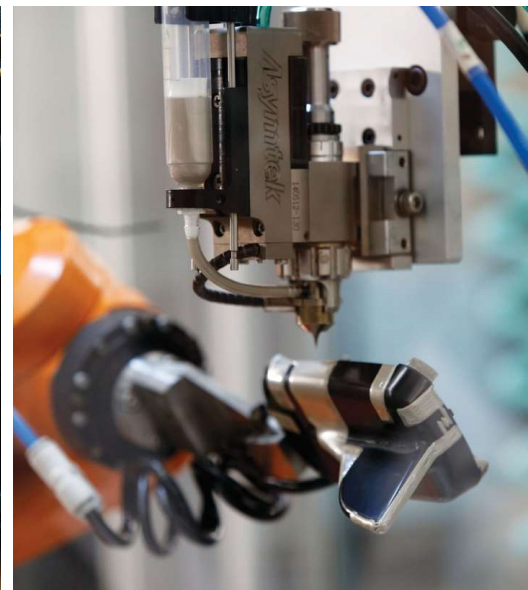
Agreement Number: Agreement Unknown

Part Number(s) being Modified:



Part Number	Part Discontinued per PCN	Customer Drawing	Customer Part Number	Alias Part Number(s)	Substitute Part Number	Substitute Alias Part Number(s)	Description Of Difference
1-2273035-1	YES				T4151310005-003		REFER DRAWING
2273049-1	YES				T4161320008-003		REFER DRAWING

M12 cordsets elimination of duplication - Existing vs. Substitute products

EVERY CONNECTION COUNTS



Deviation between existing and substitute products

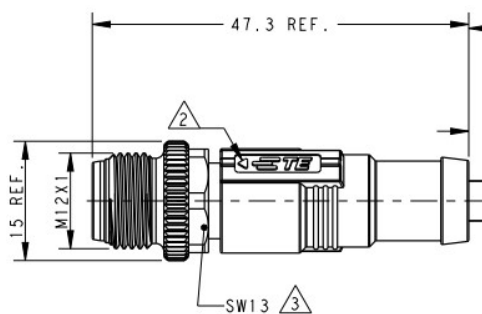
Item	Content	Existing product		Substitute product	
1	Appearance				
	Over molding Color Contact carrier color				
2	Electrical data				
3	Voltage rating	125V (for 5 poles) 60V (for 3/4 poles)		60V (for 5 poles) 250V (for 3/4 poles)	
	Strip length	20mm		35mm	
4	Tolerance of cable length	0m to 0.5m +30mm		0.5m to 1.0m ±50mm	
		0.5m to 1.0m +50mm			
		1.0m to 3.0m +100mm		1.0m to 3.0m ±100mm	
		> 3.0m +1.5%		> 3.0m ±1.5%	
5	Cable characteristic				
	Jacket	PUR	PVC	PUR	PVC
	No. of wire	3,4,5,8		3,4,5,8	
	Wire isolation	PP	PVC	PVC	PVC
	Out diameter	4.3, 4.7, 5.0	4.6, 5.0, 5.2	4.5, 5.2, 5.8	4.5, 5.0, 5.2
	C-track properties	5 million	Not defined	not defined	not defined
	Bend radius	10D	10D	12D	12D
	Temperature Range(fixed)	-40°C - +80°C	-30°C - +80°C	-40°C - +80°C	-10°C - +80°C
	Temperature Range(mobile)	-25°C - +80°C	-5°C - +80°C	-25°C - +80°C	-5°C - +80°C

Deviation of outline dimensions:

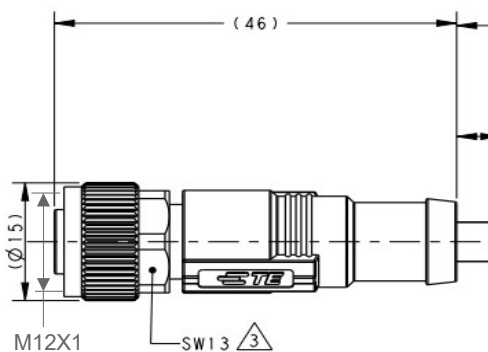
There are some slight deviation in outline dimensions among them, but both can meet IEC standard

Substitute product

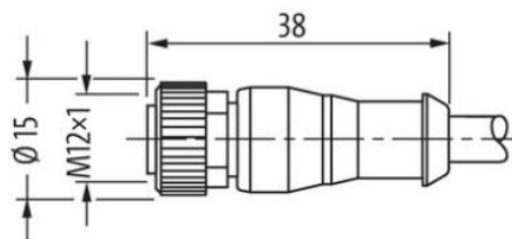
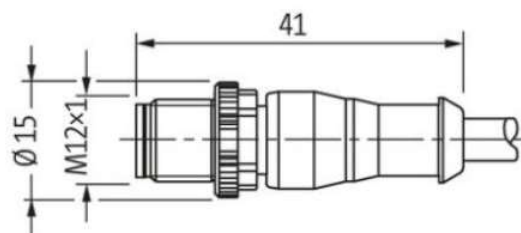
**M12
straight
male**



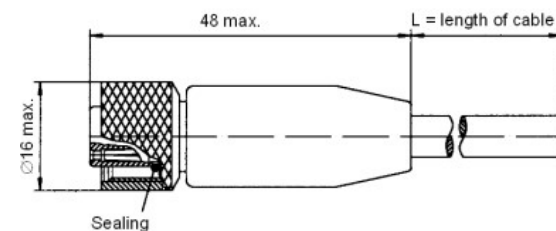
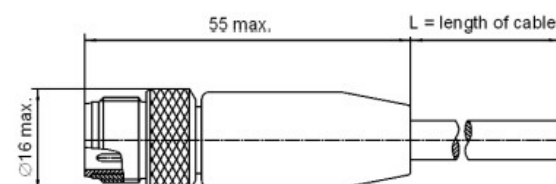
**M12
straight
female**



Existing product

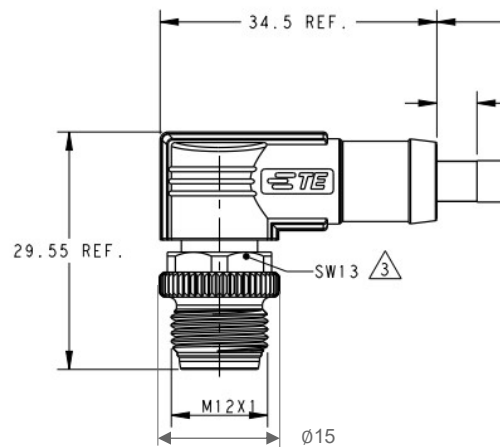


IEC standard

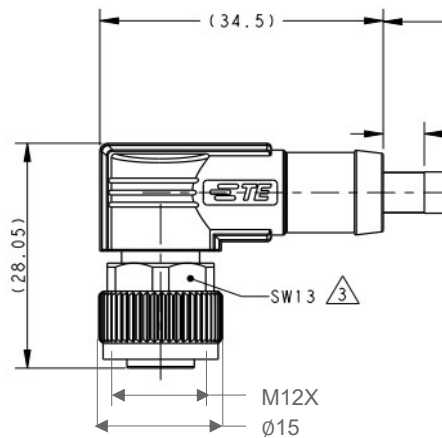


Substitute product

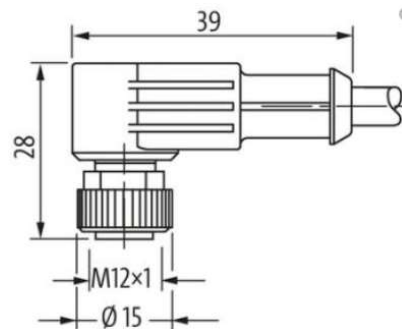
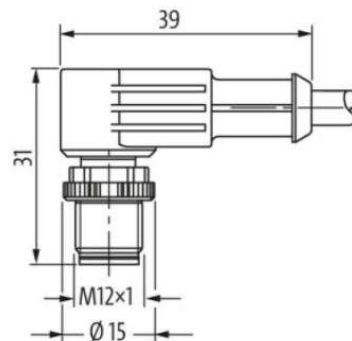
M12
RA
male



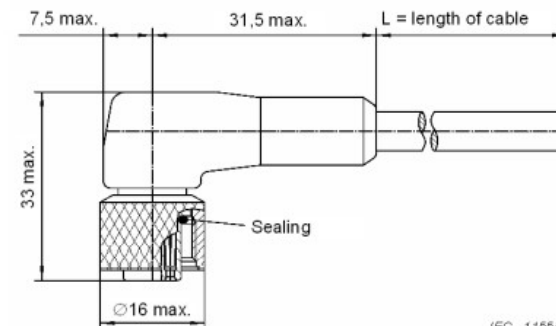
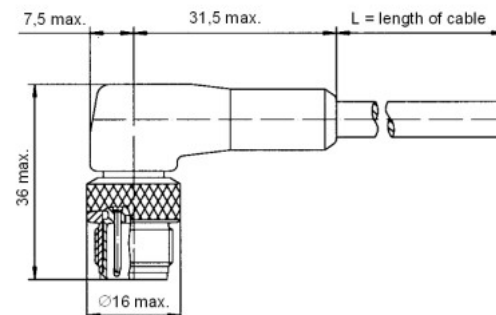
M12
RA
female



Existing product



IEC standard



IEC 1155/08