PRODUCT SPECIFICATION

molex ®

COSMETIC SPECIFICATION- PARTS ON TAPE

1.0 SCOPE
This applies to tape-applied Molex-TBO connector products.

2.0 PURPOSE
To define acceptability criteria for cosmetic issues

3.0 REFERENCE MATERIAL NUMBERS
This applies to all tape-applied Molex-TBO connector products with linkage to this specification.
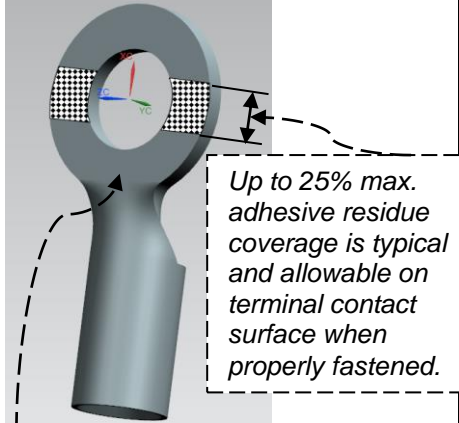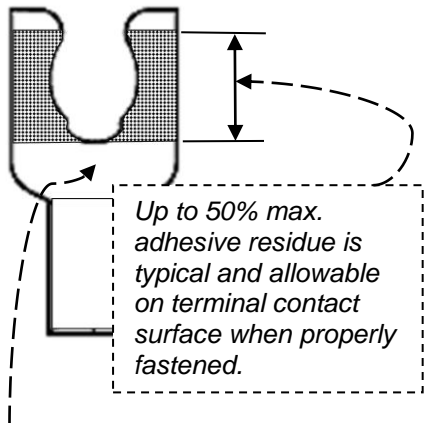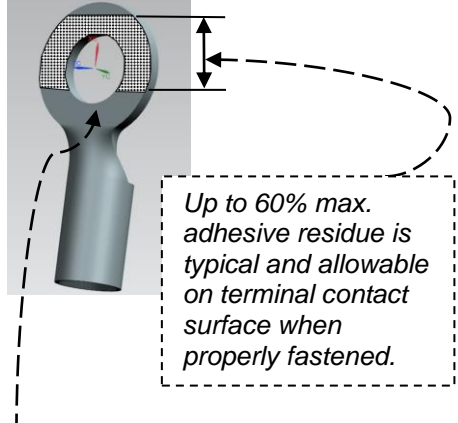
4.0 DEFINITIONS - NONE

5.0 PROCEDURES

Adhesive residue:
Due to the shape of some parts, the use of adhesive tape is required to hold them in position on tape-applied products. Adhesive residue on non-conductive surfaces such as housings does not affect the fit, form, or functionality of the part and is allowable.

Adhesive residue on contact surfaces has been tested on a variety of parts and shown to not increase electrical resistance with any statistical significance, and resistance remains well within specification. Adhesive residue on contact surfaces as shown below is therefore allowable.

Example: Terminal Wire Ranges

12-10 AWG Terminal Example	16-14 AWG Terminal Example	22-18 AWG Terminal Example
Up to 25% max. adhesive residue coverage is typical and allowable on terminal contact surface when properly fastened.	*Up to 50% max. adhesive residue is typical and allowable on terminal contact surface when properly fastened.*	*Up to 60% max. adhesive residue is typical and allowable on terminal contact surface when properly fastened.*
Contact Side of Tape Mounted Terminals	**Contact Side of Tape Mounted Terminals**	**Contact Side of Tape Mounted Terminals**

The amount % of residue may vary based on storage time, temperature, humidity, and speed with which parts are removed from tape. The residue may also be greater if the crimp location coincides with the adhesive tape.

REVISION:	ECR/ECN INFORMATION:	TITLE:		SHEET No.
C	EC No: **613122** DATE: **2019 / 03 / 04**	**COSMETIC SPECIFICATION** **TBO TAPE-APPLIED PRODUCTS**		**1** of **2**
DOCUMENT NUMBER: **PS-19902-015**	CREATED / REVISED BY: **ETHRODAHL/DMYRICK**	CHECKED BY: **JHACKNEY**	APPROVED BY: **JMACNEIL**	

PRODUCT SPECIFICATION

Important: To avoid or reduce the % of adhesive residue on a terminal's contact surface - A shorter storage time, lower storage temperature and humidity will all avoid or reduce the amount of residue on the contact surface.

Recommended Storage: 23-25°C (73-77°F), 50% Relative Humidity for 1 Year.

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