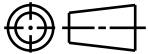


CATIA V5



## Revision Level

Drawing

State

Part

00.1

Design Release

-

## Revision Record

Changed

Date

Approved

Date

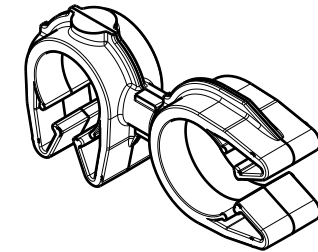
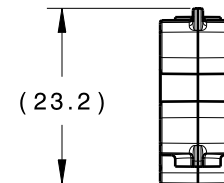
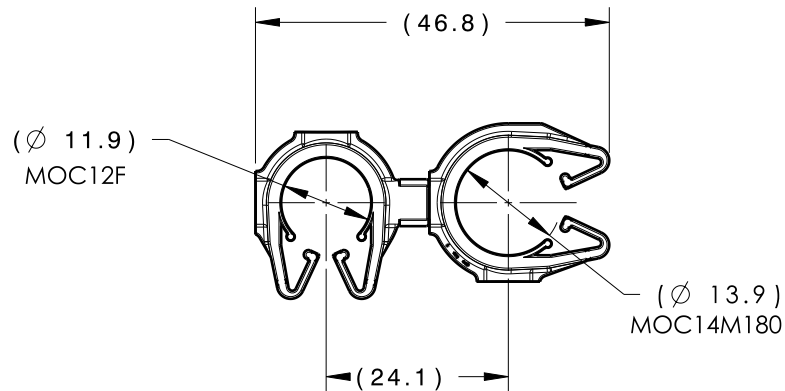
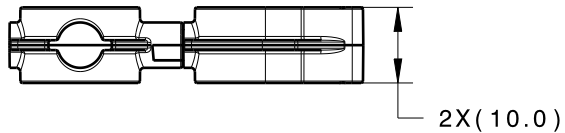
SEE ECN# 014773

TAT

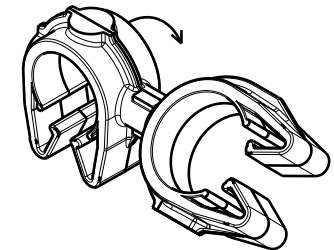
11/30/2018

EJH

11/30/2018



ISOMETRIC VIEW

CLIPS ROTATE  
360 DEGREESISOMETRIC VIEW  
ROTATED

| TYPE           | MOC12F          | MOC14M180       |
|----------------|-----------------|-----------------|
| HARNESS        | 11.5MM - 13.0MM | 13.0MM - 15.0MM |
| HOSE           | 10.5MM - 13.0MM | 13.0MM - 15.0MM |
| HARD PIPE/TUBE | 12.0MM - 13.8MM | 14.0MM - 15.8MM |

\*RECOMMENDED SIZES MAY DIFFER DEPENDING ON THE APPLICATION , PRODUCT REQUIREMENTS AND MATERIALS USED

\*\*PATENT PENDING 29/582,271

| GLOBAL PART DESCRIPTION                           |                                     | MOC12F**                                                                                                                                                                                                                   |                                                                                                                      |       | MOC14M180**     |                                                  |                 |                                   |
|---------------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------|-----------------|--------------------------------------------------|-----------------|-----------------------------------|
|                                                   |                                     | DRAWING                                                                                                                                                                                                                    | MATERIAL                                                                                                             | COLOR | DRAWING         | MATERIAL                                         | COLOR           |                                   |
| MOC12FMOC14M180-PA66HIRHSUV-BK                    |                                     | 16-0319-000-CSU                                                                                                                                                                                                            | PA66HIRHSUV                                                                                                          | BLACK | 16-0320-000-CSU | PA66HIRHSUV                                      | BLACK           |                                   |
| Material<br><br>SEE CHART<br><br>COLOR: SEE CHART | Units <b>millimeters</b>            | The copyright of this drawing is reserved by HellermannTyton. It is issued on condition that it is not reproduced, copied or disclosed to a third party, either wholly or in part, without the consent of HellermannTyton. | Drawn                                                                                                                | CJR   | 8/28/18         | Article/Type-No     MOC12FMOC14M180              |                 | Scale     1:1                     |
|                                                   | Tolerance defined on each dimension |                                                                                                                                                                                                                            | Approved                                                                                                             | TAT   | 8/31/18         | Title<br><br>12MM MOC COUPLED TO A 14MM MOC M180 |                 | Project Number<br><br>16-0330     |
|                                                   |                                     |                                                                                                                                                                                                                            | <div>HellermannTyton</div> <div>North America<br/>Email: corp@htamericas.com<br/>Web: www.hellermann.tyton.com</div> |       |                 |                                                  |                 | Drawing-No     PRODUCTION : Phase |
|                                                   |                                     |                                                                                                                                                                                                                            |                                                                                                                      |       |                 |                                                  | 16-0330-348-CSU |                                   |

11.5MM - 13.0MM