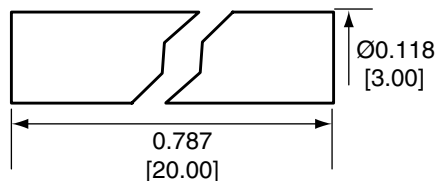
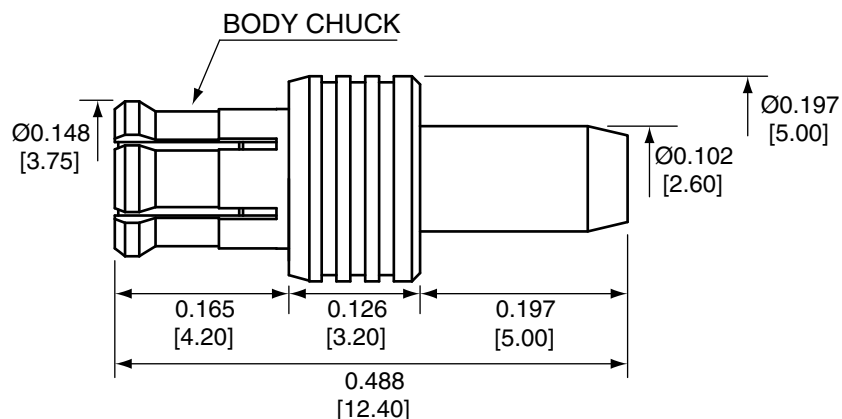


| Description | Material   | Finish |
|-------------|------------|--------|
| Body        | Brass      | Gold   |
| Pin         | Brass      | Gold   |
| Insulation  | PTFE       | N/A    |
| Body Chuck  | Be Cu      | Gold   |
| Spacer      | PTFE       | N/A    |
| Support     | Brass      | Gold   |
| Heat Shrink | Polyolefin | Black  |

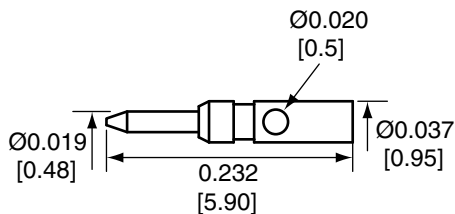


HEAT SHRINK

| REVISIONS |                                                                                           |           |      |
|-----------|-------------------------------------------------------------------------------------------|-----------|------|
| REV       | DESCRIPTION                                                                               | DATE      | APPV |
| B         | Added new title block and heat shrink; Updated instructions                               | 12-JUL-12 | SAH  |
| C         | Updated dimensions and Body Chuck callout; Added REACH/SVHC compliance language to note 3 | 9-OCT-18  | CLL  |



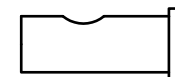
SIDE VIEW



PIN



SPACER



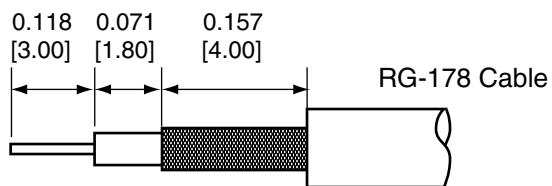
SUPPORT

## CONMCX007-R178 ASSEMBLY INSTRUCTIONS

- Strip the cable to the recommended dimensions.
- Slip heat shrink onto stripped cable.
- Solder the support onto the braid.
- Place the spacer onto the center conductor.
- Solder or crimp the pin onto the center conductor.
- Insert the pin, center conductor, spacer, and support into the body until the pin snaps in.
- Crimp the tail of the body onto the support with a 0.093" hex crimp tool (or one labeled for use with RG-178 cable).
- Use heat shrink to cover crimp.

### NOTES: (UNLESS OTHERWISE SPECIFIED)

- ALL DIMENSIONS ARE IN INCHES [mm].
- DIMENSIONS APPLY AFTER FINISHING.
- MANUFACTURE TO BE COMPLIANT WITH EU RoHS DIRECTIVE, USE MATERIALS THAT DO NOT CONTAIN REACH SUBSTANCES OF VERY HIGH CONCERN >1000ppm, AND USE DRC CONFLICT-FREE SOURCED MATERIALS.
- SAFETY BREAK ALL SHARP CORNERS AND EDGES .02 MAXIMUM.



RECOMMENDED CABLE STRIPPING DIMENSIONS

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|           |                                                                                                                                                                                      |                                                                                                                     |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| MATERIAL: | TOLERANCES:<br>.020 [0.50]-.200 [5.00]= ±.008 [0.20]<br>.200 [5.00]-1.200 [30.00]= ±.016 [0.40]<br>1.20 [30.0]-4.75 [120.0]= ±.024 [0.60]<br>4.75 [120.0]-12.40 [315.0]= ±.040 [1.0] | PROJECTION:<br><br>ANGLES: ±1° |
|           | FINISH:                                                                                                                                                                              |                                                                                                                     |
|           | DRAWN: B.MURPHY                                                                                                                                                                      | DT: 12-JUL-12                                                                                                       |
|           | ENGR: S.HOGAN                                                                                                                                                                        | DT: 12-JUL-12                                                                                                       |

**Linx**

159 ORT LANE  
MERLIN, OR 97532

TITLE:

MCX MALE CABLE END CRIMP  
FOR RG178 CABLE

SIZE  
**A**

DWG. NO.

CONMCX007-R178

REV  
**C**

SCALE: 2:1

DO NOT SCALE DRAWING

SHEET 1 OF 1

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