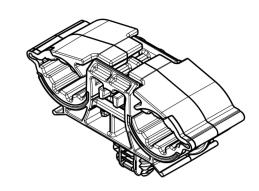
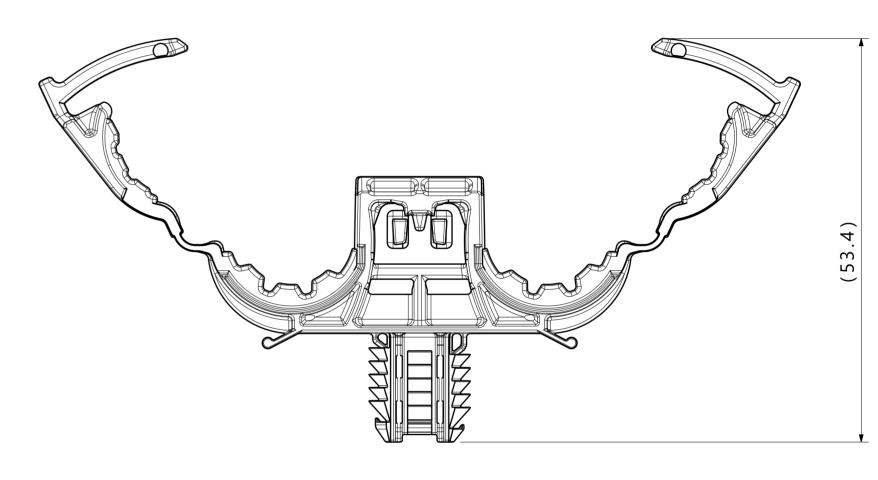


Isometric view Open Scale 1:1



Isometric view Closed minimum bundle diameter Scale 1:1



Performance requirements at dry as molded:

- 1. Fir tree push in force: 45 newtons (10 lbf) max in the applicable nominal hole size and plate thickness.
- 2. Fir tree pull out force: 110 newtons (25 lbf) min in the applicable nominal hole size and plate thickness.

## Notes:

- 1. Material: See chart
- 2. Material color: See chart
- 3. Maximum percent regrind permissible: 25% for PA66 only
- 4. Max allowable flash to be: 0.5mm
- 5. Max allowable mismatch to be: 0.1mm
- 6. A dimension without an inspection report symbol does not require inspection. It may be controlled on the individual component drawing.
  - a. Total number of inspections required: 3
  - b. Last number used: 3
  - c. Missing symbols: -
- 7. Applicable oval hole sizes and plate thickness:

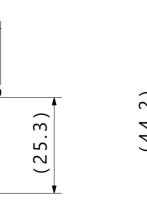
A. 6.2 x 12.2mm +/-0.2 x 1.8mm

B. 6.5 x 12.5mm +0.2/-0.4 x 1.8mm

C. 6.5 x 13.0mm +/-0.2 x 1.8mm

D. 7.0 x 12.0mm +/-0.2 x 1.8mm

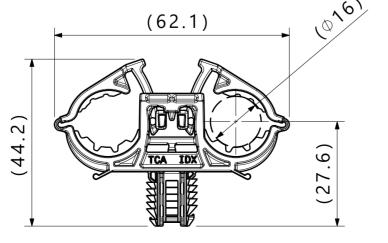
8. Sheet metal thickness range: 0.60mm - 6.75mm



Reference view Closed minimum bundle diameter Scale 1:1

(61.7)

(35.8)



Reference view Closed maximum bundle diameter Scale 1:1

Global Part Description	Material	Color	
SGDROC12-16FTOVAL-	PA66HIRHSUV	Dlack	
PA66HIRHSUV/TPE-BK	TPE	Black	

Re	Revision Level		Revision Record		The con	yright of	Drawn	Date (YYYY/MM/DD)				
Drawing	I	Part	ECN 311921	]⊕ ⊖	'	awing is	Karabon	2025/02/28	Title	Scale	2.1	
<b>00.2</b> De	esign Release	-		<u> </u>	reser	ved by	Approved	Date (YYYY/MM/DD)		th Global F	Project Number	
Changed	Date (YYYY/MM	/DD)		All drawing	All drawing HellermannTyton.		Van Hulst	2025/02/28	6.5x12.5mm oval fir tree		23-0121	
Karabon	2025/02/2	28		revisions are			lle	Tidon	Drawing-No	Format	<u>.5 0121</u>	
Approved	Date (YYYY/MM	/DD)		stored in CAD	Units	.∣ ⊓€	ellermann	llyton	22 2424 224 2211		AZ	
Van Hulst	2025/02/2	28		PDM database	mm	1	www.HollormannTut	on com	23-0121-001-CSU	Sheet	1/1	