

## REFERENCE:

PERFORMANCE REQUIREMENTS AT DRY AS MOLDED:

- 1. FIR TREE PUSH IN FORCE: 45 NEWTONS (10 LBS) MAX IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
- 2. FIR TREE PULL OUT FORCE: 110 NEWTONS (25 LBS) MIN IN EACH APPLICABLE OVAL HOLE SIZE AND A PLATE THICKNESS OF 1.8mm.
- 3. SHEET METAL THICKNESS RANGE: 0.60mm 6.75mm
- 4.APPLICABLE OVAL HOLE SIZES:

A. 6.2 X 12.2mm

B. 6.5 X 12.5mm

C. 6.5 X 13.0mm

D. 7.0 X 12.0mm

## NOTES:

- 1. MAXIMUM PERCENT REGRIND PERMISSIBLE: 25%
- 2. MAX ALLOWABLE FLASH TO BE: 0.25mm
- 3. MAX ALLOWABLE MISMATCH TO BE: 0.1mm

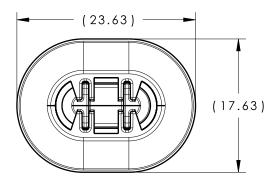
Patents: US D822,476 S, EU 003864313, CN 304373914 S

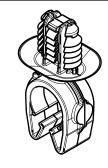
PART DIAMETER, 'TCA', AND CAVITY ID — TO BE LOCATED ON THIS SURFACE

Ø 11.90 ±0.20 —

(13.40)

	Revision Level		Revision Record	Changed	Date	Approved	Date
Drawing	State	Part	TREVISION RECORD	Orlangea	Bate		
02.1	Design Release	-	SEE ECN# 015482	NHK	10/16/19	EJF	10/16/19





ISOMETRIC VIEW SCALE 1:1

COLOR

		SCALE 1
(12.84)  (13.60)  ALTERNATE CONSTRUCTION: BOSS MAY APPEAR ON ONE OR BOTH SIDES OF THE CLIP	10.	(39.17)

GLOBAL PART DESCRIPTION

	DIAMETER RANGE	
HARNESS	HOSE	HARD PIPE/TUBE
11.5MM-13.0MM	10.5MM-13.0MM	12.0MM-13.8MM

	Units	millimeters
lT.		
		nce defined on th dimension
	кт	RT Tolera

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Approved EJH 09/27/16	
Drawn CRB 08/04/16	

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u	Drawing		9-010-C			Form	at	АН
_ [i	```ัั ก	12MM (1/2") MOC WITH 6.5 X 12.5MM OVAL FIR TREE				Project Number 16-0319		
	Article/T	ype-No	MOC12FTOV	/AL		Scale		2:1
	MOC12	TOVAL-	-PA66HRISHUV	′-BK	PA66HIRHSU'	<b>V</b>	ВІ	_ACK

MATERIAL