



Series 7 / 12 Frameless Retainer – Part #1631

Scale = 1 : 1

Area: 0.3708
 Perimeter: 11.1106
 Bounding box: X: 0.0000 -- 1.4106
 Y: 0.0000 -- 1.4300
 Centroid: X: 0.5444
 Y: 0.8046
 Moments of inertia: X: 0.3474
 Y: 0.1687
 Product of inertia: XY: 0.1851
 Radii of gyration: X: 0.9679
 Y: 0.6744
 Principal moments and X–Y directions about centroid:
 I: 0.0499 along [0.3665 0.9304]
 J: 0.1163 along [–0.9304 0.3665]
 Section Modulus: X–X: 0.144in³
 Y–Y: 0.092in³

CUSTOMER	Architectural	DWG NO.	1631	REV
DESCRIPTION	Series 7/12 Frameless Retainer	DATE	2-7-13	SHEET 1 OF 1