



THIS SECTION IS SUITABLE FOR NV6082 T6 APPLICATIONS FOR SYDNEY PRESS ONLY

TOTAL SURFACE EXPOSED

* FLATNESS 0.30mm / 100mm
 * ANGULARITY 1°
 * STRAIGHTNESS 0.60mm / 300mm
 * TWIST 0.25° / 300mm 3° max

* = 1/2 STANDARD TOLERANCE

SECTION DATA:

$I_{xx} = 1\,353\,595\text{ mm}^4$

$I_{yy} = 1\,353\,595\text{ mm}^4$

Theta = 70°

RadG_x = 29 mm

RadG_y = 29 mm

XC_{Right} = 38.0 mm

XC_{Left} = 38.0 mm

YC_{Top} = 38.0 mm

YC_{Bot} = 38.0 mm

Z_{xx}_{Top} = 35 621 mm³

Z_{xx}_{Bot} = 35 621 mm³

Z_{yy}_{Right} = 35 621 mm³

Z_{yy}_{Left} = 35 621 mm³

5.75±0.50 TYP WALL THICKNESS
 UNLESS OTHERWISE SPECIFIED

0.40 RADIUS ON ALL OUTSIDE CORNERS
 UNLESS OTHERWISE SPECIFIED

EXTRUDED FINISH : STRUCTURAL

A 52526

AREA	1646.9	SQ MM
WEIGHT	4.463	KG M
PERIMETER	537.1	MM
ANOD PERIM	293.7	MM
PAINT PERIM	293.7 (0.0)	MM
C CIRCLE DIA	103	MM
FACTOR	120	
ALLOY	6351	
TEMPER	T5	

 **G. James
Extrusion Co.**

A.C.N 010 828 234

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CUSTOMER

G. JAMES EXTRUSION Co.

CUSTOMER PART NAME

NO.

76.0 x 76.0 x 5.75 S.H.S. R/C

SCALE

1:1

TOLERANCES IN ACCORDANCE WITH AS/NZS 1866:1997
 APPLY UNLESS OTHERWISE SPECIFIED

DRAWN

SPG

CHECK

DATE

29/05/12

DWG. NO.

931-147

1

06/06/12

SPG

'DNV' NOTE ADDED

NO

DATE

DR

REVISION