



ASSEMBLY DETAIL
SCALE 1:2

NO EXPOSED SURFACE

* = 1/2 STD TOLERANCE

SECTION DATA:

$I_{xx} = 188\,511 \text{ mm}^4$
 $I_{yy} = 455\,119 \text{ mm}^4$
 $\text{Theta} = 1.0$
 $\text{RadG}_x = 16. \text{ mm}$
 $\text{RadG}_y = 25. \text{ mm}$
 $X_{\text{Right}} = 30.75 \text{ mm}$
 $X_{\text{Left}} = 30.75 \text{ mm}$
 $Y_{\text{top}} = 32.74 \text{ mm}$
 $Y_{\text{bot}} = 17.26 \text{ mm}$
 $Z_{xx\text{top}} = 5\,758 \text{ mm}^3$
 $Z_{xx\text{bot}} = 10\,922 \text{ mm}^3$
 $Z_{yy\text{right}} = 14\,801 \text{ mm}^3$
 $Z_{yy\text{left}} = 14\,801 \text{ mm}^3$

$a = 1.00 \text{ radius}$
 $b = 2.00 \text{ radius}$

0.40 RADIUS ON ALL OUTSIDE CORNERS
UNLESS OTHERWISE SPECIFIED

EXTRUDED FINISH : STRUCTURAL

1	04/04/00	SPG	1.0 & 2.0 RADII ADDED	AREA	755.4	SQ MM
				WEIGHT	2.047	KG M
				PERIMETER	310.4	MM
				ANOD PERIM	310.4	MM
				PAINT PERIM	310.4 (0.0)	MM
				C CIRCLE DIA	78.	MM
				FACTOR	152.	
				ALLOY	606391	
				TEMPER	T5	



A.C.N 010 828 234
 1082 KINGSFORD SMITH DRIVE, EAGLE FARM, QUEENSLAND, 4009
 PO BOX 1376, EAGLE FARM BC, 4009
 PHONE : (07) 3877 2833 FAX : (07) 3877 2890

CUSTOMER			
G. JAMES EXTRUSION Co.			
CUSTOMER PART NAME		NO.	
61.5 x 50 x 5 CHANNEL			
SCALE		TOLERANCES IN ACCORDANCE WITH AS 1866-1986 APPLY UNLESS OTHERWISE SPECIFIED	
1:1			
DRAWN	CHECK	DATE	DWG. NO.
SPG		31/03/00	910-160