


TOTAL SURFACE EXPOSED

SECTION DATA:  
 $I_{xx} = 18\ 892\ \text{mm}^4$   
 $I_{yy} = 60\ 812\ \text{mm}^4$   
 Theta = 1.0  
 RadG<sub>x</sub> = 8. mm  
 RadG<sub>y</sub> = 14. mm  
 X<sub>Cleft</sub> = 20.0 mm  
 X<sub>Cright</sub> = 20.0 mm  
 Y<sub>Ctop</sub> = 10.0 mm  
 Y<sub>Cbot</sub> = 10.0 mm  
 $Z_{xx\text{top}} = 1\ 889\ \text{mm}^3$   
 $Z_{xx\text{bot}} = 1\ 889\ \text{mm}^3$   
 $Z_{yy\text{left}} = 3\ 041\ \text{mm}^3$   
 $Z_{yy\text{right}} = 945\ \text{mm}^3$

0.40 RADIUS ON ALL OUTSIDE CORNERS  
UNLESS OTHERWISE SPECIFIED

EXTRUDED FINISH : ARCHITECTURAL

|    |      |    |          |                                                                                                                                                                             |                                                                                                                                                                                                                                                           |                                                 |                                                                                |
|----|------|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------|
|    |      |    | A        | AREA 324.0 SQ MM<br>WEIGHT 0.878 KG M<br>PERIMETER 216.0 MM<br>ANOD PERIM 120.0 MM<br>PAINT PERIM 120.0 MM<br>C CIRCLE DIA 45. MM<br>FACTOR 246.<br>ALLOY 6063<br>TEMPER T6 | <br>A.C.N 010 828 234<br>1082 KINGSFORD SMITH DRIVE, EAGLE FARM, QUEENSLAND, 4009<br>PO BOX 1376, EAGLE FARM BC, 4009<br>PHONE : (07) 3877 2833 FAX : (07) 3877 2890 | CUSTOMER<br>G. JAMES EXTRUSION Co.              |                                                                                |
|    |      |    |          |                                                                                                                                                                             |                                                                                                                                                                                                                                                           | CUSTOMER PART NAME NO.<br>40 x 20 x 3 RECT. BOX |                                                                                |
|    |      |    |          |                                                                                                                                                                             |                                                                                                                                                                                                                                                           | SCALE<br>1:1                                    | TOLERANCES IN ACCORDANCE WITH AS 1866-1986<br>APPLY UNLESS OTHERWISE SPECIFIED |
| NO | DATE | DR | REVISION |                                                                                                                                                                             |                                                                                                                                                                                                                                                           | DRAWN<br>A.T                                    | CHECK<br>DATE<br>06/03/87<br>DWG. NO.<br>940-050                               |