

The diagram shows a horizontal beam of total length $2L$. A hinge is located at the center, and a support is located at a distance L from the left end. The beam is divided into two segments of length L each. The left segment is labeled 'C' and the right segment is labeled 'B REF.'. The beam is subjected to a uniformly distributed load w acting downwards. The internal forces and moments are shown at the hinge and the support. At the hinge, the internal forces are V_L (shear force) and M_L (bending moment). At the support, the internal forces are V_R (shear force) and M_R (bending moment). The beam is shown in a deformed state, with the deflection curve indicated by a dashed line.

A roll of white tape with a black border, partially unrolled. The tape is shown in a perspective view, with the roll on the left and a strip of tape extending towards the bottom right. The roll has many concentric circles representing the layers of tape. The strip of tape is shown as a flat rectangle with a black border.

NOTES:

- DIMENSIONS IN PARENTHESIS ARE IN METRIC UNITS

PANDUIT CORP. TINLEY PARK, ILLINOIS

DWG
A
SIZE

4	6/5/06	FAB		ADDED PART WEIGHTS TO DRAWING	27184	4			
REV	DATE	BY	CHK	DESCRIPTION	ECN	-	R	CUST	SUP