

Technical drawing of an extruded aluminium profile. The drawing shows a cross-section of a complex profile with various dimensions and tolerances. Key dimensions include: overall width 35.00 ± 0.3, overall height 25.00 ± 0.3, and a central vertical slot width of 7.30 CTR. The profile features a 15° chamfer on the top left, a 90° fillet on the top right, and several radii (R16 TYP.). Tolerances are specified for various dimensions, such as ±0.20 for the top flange width and ±0.1 for the central slot width. A detail view of the top flange is shown at the top right with a scale of 1:1.

MATERIAL : ALUMINIUM ALLOY - 63400 WP AS PER IS:733 (OR) 6063-T6.

NOTE :

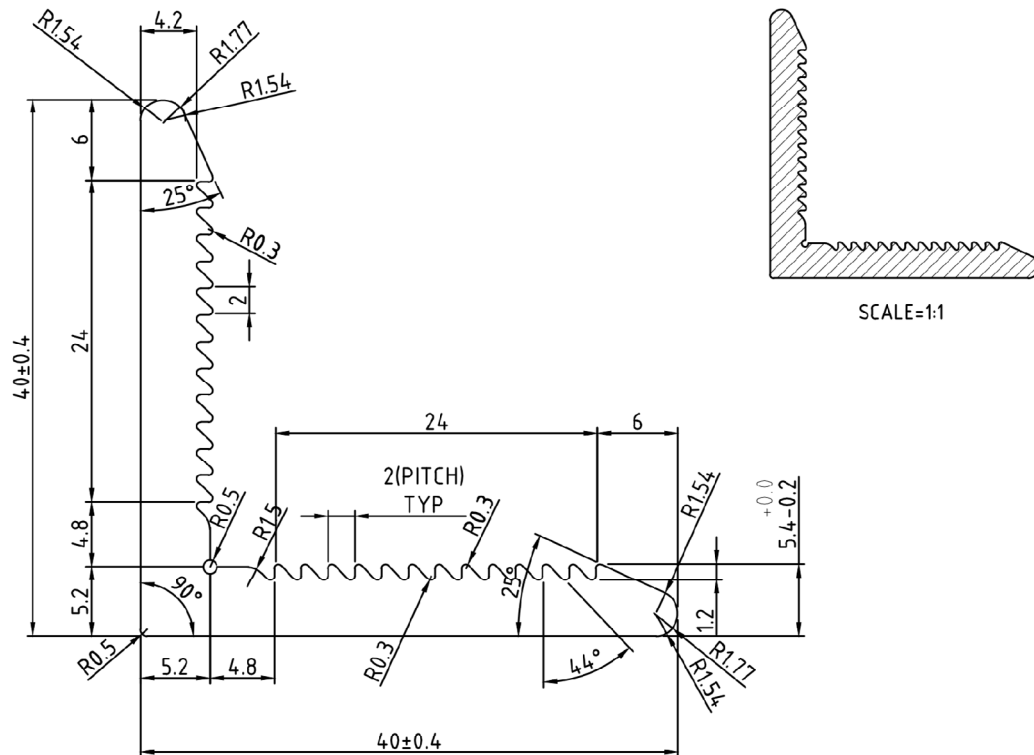
1. ALL UNSPECIFIED WALL THICKNESS - 1.6 ± 0.1.
2. r-0.50, F - FULL RADIUS.
3. DIMENSIONAL TOLERANCES FOR EXTRUDED ALUMINIUM AS PER IS:3965.
4. HEAT TREATMENT CONDITION : WP (OR) T6.
5. ESTIMATED WEIGHT Kg/m = 0.470.
6. ROUND OF ALL SHARP CORNERS WITH 0.25 mm.
7. VENDOR EXTRUSION DRAWING TO BE APPROVED BY BHEL.

	BHARAT HEAVY ELECTRICALS LIMITED. ELECTRONICS DIVISION, BANGALORE	DRN	NAME	SIGN.	DATE	No. OF VAR
		CKD	PK	Sd/-	181016	
		APPD	NAR	Sd/-	181016	
			CNP	Sd/-	181016	

DEPT. SPV	FOR UNSPECIFIED TOLERANCES		SCALE	WEIGHT (Kg)	REF. TO ASSY. DRG.	ITEM NO.	No. OF ITEM
CODE 100	REFER ED 0230499		2 : 1				
TITLE 300 W PV MODULE MAIN EXTRUSION				DRAWING NO.		REV.	
				4 988 04 003 10		00	
				SHEET NO.	01	NO. OF SHEETS	01

(ALL DIMENSIONS ARE IN MM)

REV.	DATE	ALTERED	REV.	DATE	ALTERED	ADDITIONAL INFORMATION					
		CHECKED			CHECKED						
		APPROVED			APPROVED						
			00			STATUS OF DRAWING					
			FIRST ISSUE		DISTRIBUTION OF PRINTS						



NOTE :

1. DIMENSIONAL TOLERANCES FOR EXTRUDED ALUMINIUM AS PER IS:3965.
2. HEAT TREATMENT CONDITION : WP (OR) T6.
3. ESTIMATED WEIGHT Kg/m = 0.956.
4. ROUND OF ALL SHARP CORNERS WITH 0.25 mm.
5. VENDOR EXTRUSION DRAWING TO BE APPROVED BY BHEL.

REMARKS	ITEM NO.	DESCRIPTION	STD.	MATERIAL CODE	A	UNIT	UNIT Wt.(Kg)
				MATERIAL SPECN.	C		QUANTITY

	BHARAT HEAVY ELECTRICALS LIMITED, ELECTROPROCELAINS DIVISION, BANGALORE	DRN	NAME	SIGN.	DATE	No. OF VAR
		CKD	NAR	Sd/-	250816	
		APPD	CNP	Sd/-	300816	

DEPT. SPV	FOR UNSPECIFIED TOLERANCES REFER ED 0230499		SCALE	WEIGHT (Kg)	REF. TO ASSY. DRG.	ITEM NO.	No. OF ITEM
CODE 100			2 : 1				

TITLE CORNER BLOCK EXTRUSION	DRAWING NO. 4 988 04 002 10		REV. 00
	SHEET NO. 01	NO. OF SHEETS 01	

A4 SIZE