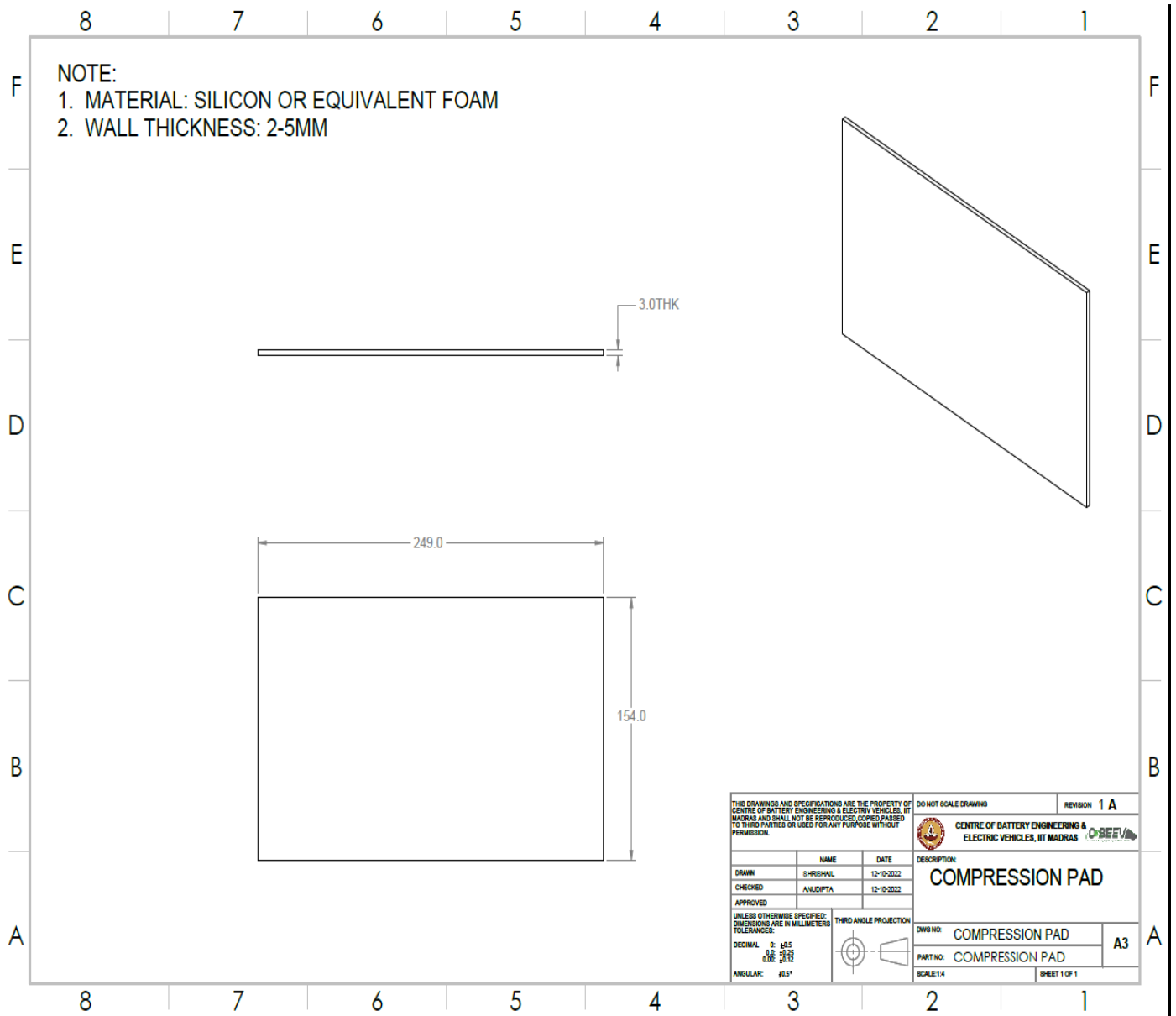


Technical Specification for Compression pad

Particulars	Performance Range and Limits	Complied / not complied	Reference, Page No.
Quantity	5300 nos.		
Material	Silicon or equivalent foam		
Overall Thickness	2-5 mm; 3mm preferred		
Overall Size(LxB)	249mm X 154mm		
Additional material	<ul style="list-style-type: none"> • Compression set resistance $\leq 5\%$ • Fire retardancy from 100°-200° Celsius 		
General Tolerance	Decimal 0: +/- 0.5 0.0: +/-0.25 0.00: +/-0.12 Angular +/-0.5°		
Miscellaneous	All part features should comply with the 3D model, which will be shared with the L1 bidder.		
Inspection and Quality Metrics	<ul style="list-style-type: none"> • Standard quality assurance report as provided by supplier/manufacturer. • In addition, quality control shall adhere to ISO 2859-1 standard, tightened severity, single sampling plan and passing the following inspections: General Inspection “Level III” and dimensional inspection “Special 3”. For both the inspection, Acceptable Quality Limits shall be set to 2.5 or better for major defects, and 4 or better for minor defects as prescribed by us. It is mandatory that the general inspection report and dimensional check inspection report should be produced for each production batch and its corresponding sample size. Product will be considered qualified only upon verification and validation of report carried out at IIT Madras. 		
Packaging	<ol style="list-style-type: none"> 1. As per standard Package sizing and acceptable load limits 2. Containment of the product to ensure integrity and safety 3. Bubble wrap Packing, as appropriate 4. Use of glue or tape is encouraged while the use of staples is discouraged 5. Replace plastic with a recyclable paper substitute, as appropriate 		



(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)