Opportunity Assessment and Approach for Thick Film Heaters

Case Study



Client	Leading technology group engaged in precious and special metals business			
Industry	Eectrical components			
Products	Thick film heaters			

Engagement Scope

Evaluation of Market Addressability

- Evaluation of addressability of 38 focused applications based on:
 - Application relevance market volume, product price, customer concentration, etc.
 - Heater relevance need for heating, competing technology, etc.
 - TFH relevance temperature required, operation criticality, etc.
 - Relevance for client industry ecosystem, capability requirement across the product value chain

Context

The client wanted to conduct a study to evaluate opportunities in the thick film heaters (TFH) market and
potential of companies in positioning themselves as a thick film heater supplier instead of a materials
supplier.

Key Business Questions

- What is the grow th opportunity for suppliers of thick film heaters? Which are the key application areas of these heaters shortlisted for deep-dive market assessment?
- · What are the market dynamics and potential of selected applications?
- · What is the market potential for the client as a thick film heater supplier in selected applications?

 market size and share of TFH in selected end-use applications? market size and share of TFH in selected end-use applications? What are the other key competing technologies and their market shares? What are the end-use application- specific demand dynamics? Mhat are the end-use application- specific demand dynamics? Tech specs, price and margin, demand hubs, and customer, etc. What is the current and projected bility requirement What is the current and projected ordemarphic market size for page of the Selected end-use applications? Who are the key players operating in the thick film heaters market? What is their presence in focused end- use applications? What is their presence in focused end- use applications? Brief profiles of key players (up to 3) - Business description, operational footprint, product and service offering, market approach, etc. What is the current and projected What is the current and projected Market approach, etc. 	ı of ssability	2	Demand and Customer Analysis (Deep-dive Study)	3	Competitor Landscape	4	Key Findings and Conclusion
	ability of 38 based on: ance – market price, customer c. e – need for ng technology, etc. temperature on criticality, etc. ent - industry bility requirement ct value chain	-	 market size and share of TFH in selected end-use applications? What are the other key competing technologies and their market shares? What are the end-use application-specific demand dynamics? Tech specs, price and margin, demand hubs, and customer, etc. What is the current and projected addressable market size for each of the 	-	selected end-use applications? Who are the key players operating in the thick film heaters market? What is their presence in focused end- use applications? Brief profiles of key players (up to 3) - Business description, operational footprint, product and service		 applications markets among the top 5 applications? What are the product/technology gaps in the top 5 end-use applications? How can the client leverage its competence? What are the competencies that the client needs to develop or enhance in- house to meet market requirement? What are the key success factors to

Research Methodology

Secondary Research

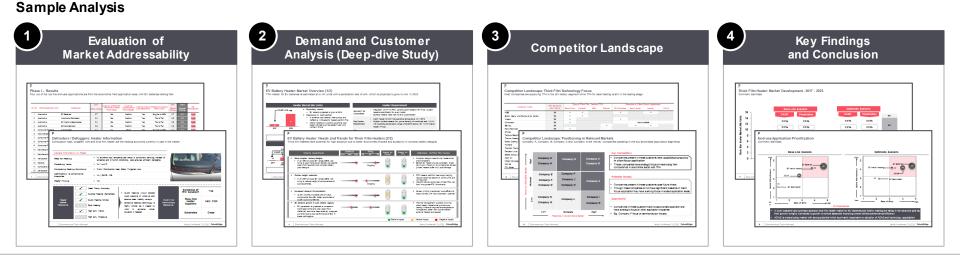
- Conducted desk research to understand the use of thick film heaters in 38 applications and their technical specs, such as substrate, operating temperature, etc.
- Referred to paid databases such as MarkLines, Factiva, and Bloomberg

Primary Research

 60+ telephonic interviews with TFH manufacturers and 5 consultations with domain experts having 10+ experience in the industry

Benefits to Client

- The study results were used by the BU to evaluate the feasibility and potential inforward integrating into the thick film heater business.
- Market findings were used to develop a 5-year business plan and strategy for the BU.
- The study was further used by the team to pitch the businessidea to itsboard for approval of itsplans.



Thank you

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