**DESIGN MGMT and COLLABORATION CAPABILITIES DEFINITION and MATURITY (090125)**

**BOM and PIM Capability Feature Definitions and Levels of Maturity**

|  |  |  |  | **Maturity** | |
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|  |  | **Capability** | **Definition** | **Current** | **Target** |
|  | **L2** | **Product Design Excellence** | Consistently incorporate innovative and unexpected ideas into new product and technology designs while executing an effective, disciplined design process that delivers high-quality, market-relevant outcomes.  **Outcome (Master):** We reach ever increasing levels of success in designing products | N/A | N/A |
| **Innovate** | **L3** | **Innovation Integration Management** | Embedding the most innovative and unexpected ideas into new product and technology designs by rapidly testing and validating innovations with customers and systematically leveraging the most informed, intelligent, and complete insights to guide design decisions and priorities.  **Outcome -** The most innovative and unexpected ideas are incorporated in the designs of new products & technologies | N/A | N/A |
| **Innovate** | **L4** | **Insight-Driven Innovation** | Leverage complete insights to design and develop products by deeply understanding our customer's industry, engaging in co-design, and anticipating needs. Discover leading-edge technologies while utilizing virtual experiences, fluid iterations, and simulations for optimal design and innovation.  **Outcome**: The most informed, intelligent and complete insights are leveraged | 1 | 4 |
| **Innovate** | **L4** | **Innovation Validation** | Quickly test and validate new innovations by evaluating feedback from customers, partners, and other stakeholders on new ideas.  **Outcome**: New innovations are rapidly tested and validated with our customers | 1 | 5 |
| **Process Efficiency** | **L3** | **Design Process Excellence** | Consistently execute design processes that result in economically attractive and high-quality outputs by performing work at an unsurpassed level of excellence while maintaining superior standards of execution and delivery.  **Outcome:** The design process is effectively performed | N/A | N/A |
| **Process Efficiency** | **L4** | **Economic Design Optimization** | Achieve the most financially viable design solutions by utilizing true virtual models that accurately depict product behavior under various conditions and by maximizing design reuse.  **Outcome:** The most economically attractive designs are achieved | 1 | 4 |
| **Process Efficiency** | **L4** | **Operational Design Excellence** | Perform work effortlessly at the highest level by empowering employees closest to the impact points to make decisions, fostering innovative design practices, and integrating mold and tooling design seamlessly with product part design.  **Outcome:** Work is easily performed at an unsurpassed level of excellence | 3 | 5 |
| **Process Efficiency** | **L4** | **Process Optimization** | Eliminate non-value activities through early verification planning and automatic design validations, optimize concurrent activities, reduce reliance on physical testing, integrate simulations, and efficiently leverage existing data.  **Outcome:** Non-value activities are relentlessly eliminated | 1 | 5 |
| **Collaboration** | **L3** | **Collaborative Synergy** | Engage Molex, customers, and partners in mutually beneficial collaboration by blending partner competencies to create unique synergies and fostering natural collaboration across all functional groups to create shared success.  **Outcome -** Molex, our customers and partners are engaged in mutually beneficial collaboration | N/A | N/A |
| **Collaboration** | **L4** | **Integrated Partnership Excellence** | Blend partner competencies into unique synergies by integrating suppliers into design, establishing clear accountabilities, and fostering trust reinforced this with shared vision, values, and customer empathy.  **Outcome -** Partner competencies blend to create unique synergies | 1 | 4 |
| **Collaboration** | **L4** | **Cross-Functional collaboration** | Seamlessly facilitate cooperation among all functional groups by accelerating effective, real-time collaboration across the extended enterprise.  **Outcome -** Collaboration naturally occurs between all functional groups | 1 | 4 |
| **Knowledge** | **L3** | **Knowledge Optimization** | Leverage the best skills and knowledge by ensuring that complete and accurate product development knowledge is immediately accessible and recognizing knowledge as an invaluable asset.  **Outcome -** The best skills and knowledge is thoughtfully leveraged to meet our needs | N/A | N/A |
| **Knowledge** | **L4** | **Knowledge Accessibility** | Ensure complete and accurate product development knowledge is immediately accessible by establishing a single source of truth and facilitating ongoing knowledge acquisition  **Outcome -** Complete and accurate Product Development related knowledge is immediately accessible | N/A | N/A |
| **Knowledge** | **L5** | **Unified Data Management** | Maintain a single truth source by updating product information instantly across functions, standardizing secure global data sources, digitally linking manufacturing data to models, and ensuring seamless design information flow across groups and partners.  **Outcome -** A single source of truth exists | 1 | 5 |
| **Knowledge** |  | **Knowledge Cultivation** | Systematically acquire knowledge by seamlessly connecting data-generating assets, embracing active experimentation and exploration, and ensuring free information sharing and clear communication across the enterprise.  **Outcome -** Knowledge is acquired | 1 | 4 |
| **Knowledge** | **L5** | **Knowledge Appreciation** | Nurture a culture of appreciation and continuous improvement to regard knowledge as a invaluable asset by documenting and widely disseminating best practices and rewarding individuals for their contributions to knowledge.  **Outcome -** Knowledge is revered as a valuable asset | 1 | 4 |