|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Customer: | |  | Part Name: | |  |  |  | Design Status: | |
| Project Name: | |  | Part Number: | |  |  |  | Prototype | |
| Review Date: | |  | Drawing Number: | |  |  |  | Production | |
| Design Engr: | |  | Behr Team: | |  | | |  | |
| Supplier: | |  | Supplier’s Team: | |  | | | ECR CHECK | |
|  | |  |  | |  | | | (Assy Level Only) | |
|  | Check boxes as items are completed and acceptable: | | | Record Discrepancies/ Verification Deliverable/Resolution for each item: | | | | | Input |
| PERFORMANCE / FUNCTIONALITY | 1. Performance Requirements. Ref. D-1046, P-9504, P-9507   Performance Predictions Calculated & Verified.  N/A  Indicated on the print or detailed in a spec?  N/A  Leak Test  N/A | | | Prediction Report#: | | | | | PE  DE |
| 1. Design Failure Modes and Effects Analysis completed:   High RPN Corrective Actions Addressed   * Ref. QSP 602, DP-7700-04 | | | DFMEA #: | | | | | DE  PE  QE |
| 1. Design Verification: Ref. QSP 603, DP-7700-01   Design Verification testing performed and acceptable  Finite Element Analysis completed  N/A | | | DVPR# :  FEA#: | | | | | PE |
| 1. Material Specifications:  N/A (Assembly)   Detailed on Print – Behr and/or Customer Spec. #’s  Appropriate for Part Design – Ref. DVP&R , FEA   * Controlled Copy:  In House  At Supplier | | |  | | | | | DE  PE  **SUP** |
| 1. Unique or Special Characteristics of Material Specified:   N/A (Assembly)None  Anticipated Supplier’s Source Selected | | | MATERIAL SOURCE: | | | | | PE  **SUP** |
| 1. Special cleanliness rqmts. sepcififed?  N/A  * Ref. P-0010, P-9501, M-1153  Paint  N/A | | |  | | | | | DE  PE |
| FIT | 1. Control Plan Features (CPF’s): Ref. D-1006, D-1040   Indicated on Print  Customer Reqm’ts included  Cross functionally reviewed with in Behr | | |  | | | | | DE/PE  ME/QE  **SUP** |
| 1. All features are dimensioned and toleranced?  * Reference, Individual or “block” tolerances * Ref D-1007, D-1008, D-1011, GD&T Manual, | | |  | | | | | DE  **SUP** |
| 1. “Fit” features detailed and understood. Ref. D-1007   Assembly Stack-Ups Calculated and Documented.  Thermal Expansion features considered.  N/A | | |  | | | | | DE  PE |
| 1. Vehicle Mounting and Connection points defined.   Envelope/ In Vehicle interference verified. | | |  | | | | | DE |
| MFG. | 1. Design for Assembly (DFA) / Manufacturability?   Tolerances compatible w/Manufacturing Standards?  Poke Yoke features to prevent Incorrect Assembly?  Components feed assemblies at Mfg. Pay Points? | | |  | | | | | ME  **MFG**  **SUP** |
| 1. Are the Datum Schemes clearly understood by :   Mfg.  Quality  Supplier  Tool Maker | | |  | | | | | ME/QE  **SUP** |
| DOCUMENTATION | 1. Bill of Material Included in ECR Pkg.  N/A   Part Types Identified  Packaging Identified  Structured for Mfg.  Wgts. & Measures Ref P-4000 | | |  | | | | | DE  PE  ME |
| 1. Drawing and Title Block reqmt’s. per D-1001, D-1002,   P/N’s  DWG #  Rev. Level  Std. Notes  Service P/N’s  Special Cust. Rqmt | | |  | | | | | DE |
| 1. Part Number Request Form 609 included in ECR Pkg.   Item Master Information Updated per latest design. | | |  | | | | | DE |
| 1. CAD Models Identified and Controlled. Ref. D-1047 | | |  | | | | | DE |
|  | | |  | | | | |  |

All items required for Assembly Level ECR Release. Review Initials: PE \_\_\_\_\_\_ QE\_\_\_\_\_\_ ME\_\_\_\_\_\_ MFG\_\_\_\_\_\_