|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| 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#:            | PEDE |
| 1. **[ ]**  Design Failure Modes and Effects Analysis completed:

**[ ]**  High RPN Corrective Actions Addressed* Ref. QSP 602, DP-7700-04
 | DFMEA #:       | DEPEQE |
| 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
 |       | DEPE**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
 |       | DEPE |
| 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/PEME/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 |       | DEPE |
| 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 |       | DEPEME |
| 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\_\_\_\_\_\_