

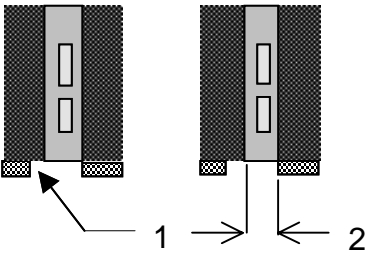
DENSO SUPPLIER DEVIATION REQUEST/ REPLY

Deviation Number

Supplier Request Section (complete all , except bold outlined areas. Attach supporting doc'ts)

Supplier Name: Spartan Injection	Supplier Contact/ Phone Number: Kory Tanimoto,423-679-1000
Type of Deviation Requested:	DENSO Part Number: TN056736-0630
<input type="checkbox"/> Assembly Process	Part/ Material Name: Spool
<input type="checkbox"/> Part	Quantity Units/ Material (lbs): Die Life
<input type="checkbox"/> Material	Delivery Begin Date: 11-12-96 Dev. Delivery End Date: Die Life
<input checked="" type="checkbox"/> Die / Mold Deviation	Die / Mold ID: VMD0100 # of cavities: 16
Supplier Approval of Submission for Deviation/ Date Kory Tanimoto 11-12-96	

MEASUREMENT RESULTS	Item No.	Cavity No.	Criteria (Drawing / Mat'l Spec.)	Supplier Inspection		DENSO Quality Inspection Results			
				Sample Size	Results	Sample Size	Results	Judgment	Acceptable Tolerance
	8	1	R0.3+.05/-0.05	2	0.39 to 0.4				
	15	16	1.3+0.1/-0.1	2	1.41 to 1.4				

Sketch of Item Needing Deviation: <input checked="" type="checkbox"/> Marked Drawing Attached. 	Summary/ Verification of Causes(s): Results Approved By: Tooling was made incorrectly. The Spool from, Mold VMD0100,Cav.1 and 16 were found to be out of specification. QA/QC checked drawing for specifications and verified dimensions were correct. QA/QC verified that material was in specification and not causing/contributing to this problem. Attach Documentation As Needed (such as 5 Why Analysis, Fishbone, FTA, etc.) Summary of Corrective Action(s): QA/QC first asked tool and die fabricator to rework the die to bring the cavity into specification. Fabricator said that the die had been surface treated and welded. Reworking the cavity would greatly reduce the life/overall quality of the die. Only corrective action we can take is to use a better fabricator for future dies. Attach C/ A Information As Needed (must include responsible persons & activities)
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DENSO Reply Section **Classification** A B C Life of Die

<input type="checkbox"/> Approved as Requested (Include Stratification Control Per SQAM Section 37) <input type="checkbox"/> Approved subject to indicated conditions <input type="checkbox"/> Refused based on indicated conditions	Conditions for Approval or Refusal:
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EXAMINER (Name)	Signature / Date	Comments / Opinions / Precautions
Final Decision Maker ()		
Quality Assurance ()		
Product Design Eng. ()		
Production ()		
Production Engineering ()		
Purchasing ()		
Quality ()		
Proposal Reviewed By: ()		

Circulation: Supplier → QA → Examiners → Final Decision Maker → QA → Distribution to Relative Sections → Supplier

Bolded sections to be completed by DENSO