



NOTES:

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED: DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION. (SEE MATH MODEL FOR PRECISE DIMENSION) FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. PLASTIC INSERT MUST BE FULLY SEATED INTO NIPPLE AS SHOWN.

SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	
	LAST NO. USED	
	4	
	4	

DWS STATUS		REVISION HISTORY		AUTH		DR		APVD	
DATE	STG	REV	CHG	N/P	ZONE				
150C01	R	001	-			22.35+/-0.38 WAS (22.35)1; ADDED	215186	EES	JMW
06MR02	R	001	-	AA		6.85+/-0.65 DIM1; REVISED PROCESS SENSITIVE DIM1; REMOVED TO0	222228	PJC	JMW

DELPHI Automotive Systems			
MATERIAL SPEC SEE DWG			
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI -A 10949001			
PART DRAWING			DISTR CODE D
CODE NUMBER 6900	DWG DATE 150C01	SCALE 5:1	
QC SPEC R-4015-MFG-4001	STYLE	VOLUME cm³	
PART GEOMETRY 3D SOLID	UNLESS OTHERWISE SPECIFIED: THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M - 1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1 (PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALL-OUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.		
 CHANGE RESTRICTED NO MANUAL CHANGES	REFERENCE	DR	DATE
	APVD1 E. SEIDEL		150C01
COPY OF MATH DATA DO NOT SCALE	APVD2 E. SEIDEL		150C01
	APVD3 J. WESTON		170C01
METRIC UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS	APVD4		
	APVD5		
THIRD ANGLE PROJECTION 	DRAWING NAME ASM NIPPLE DIST 7MM 90 DEG		
SHEET NUMBER 1 OF 1		DRAWING NUMBER 15421573	
DWS STATUS STG REV N/P		SIZE A0	
R 001 AA			

2		PROCESS SENSITIVE DIMENSION	
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED			
DIMENSIONAL RANGE (MM)		CHART C	
FROM	0	> 25	> 60
TO	25	60	80
TOLERANCE UNLESS OTHERWISE SPECIFIED			
±0.3 ±0.5 ±0.6 ±0.75%			
ANGULAR TOLERANCE ± 2°			

Mouser Electronics

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