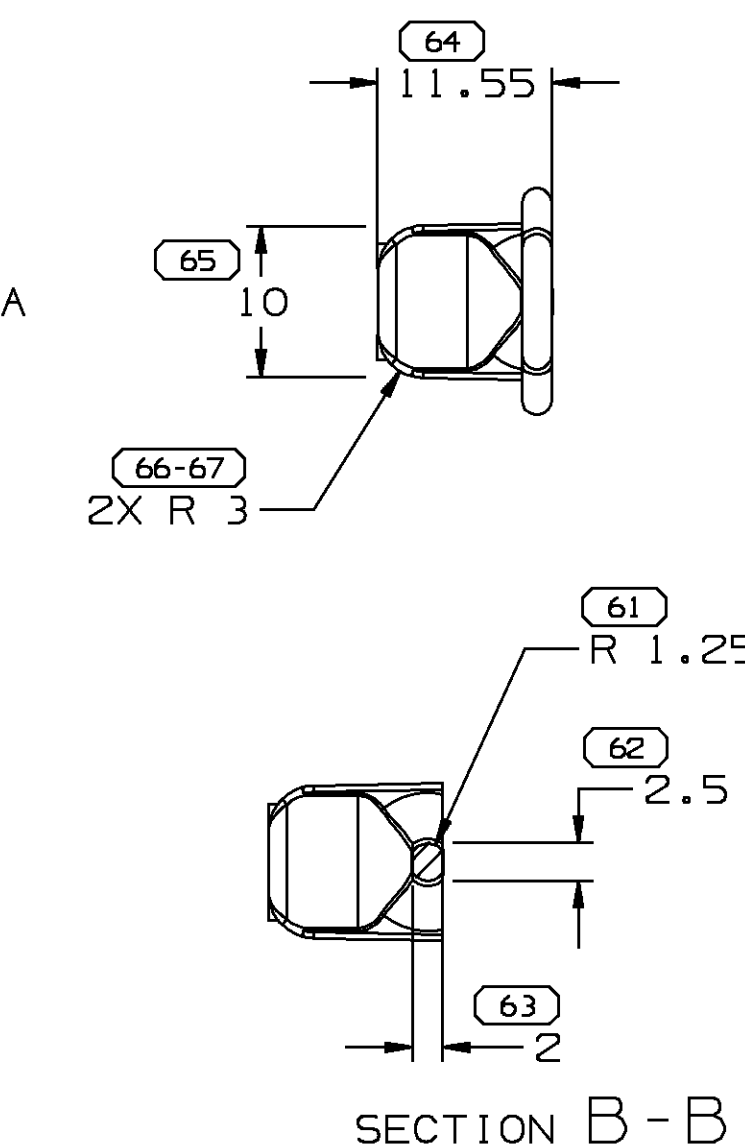


DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	CK	APVD
DATE	STG	REV	CHG	N/P						
20J99	R	002	-	-		CLEARED REVISION COLUMN 192 WAS 229; 32 WAS 7; ADDED MATERIAL SAVER	191825	DEH	DEH	DL
16AP99	R	003	-	-		REVISED MATERIAL SPEC	193390	DEH	DEH	DL



DELPHI Automotive Systems																																	
MATERIAL SPEC RO063781 PP - GRA		<table><tr><th colspan="6">DIMENSIONAL RANGE (MM) CHART E</th></tr><tr><th>FROM TO</th><th>0 20</th><th>> 20 30</th><th>> 30 70</th><th>> 70 100</th><th>> 100</th></tr><tr><td colspan="6">TOLERANCE UNLESS OTHERWISE SPECIFIED</td></tr><tr><td colspan="6">± 0.15 ± 0.2 ± 0.3 ± 0.4 ± 0.5</td></tr><tr><td colspan="6">ANGULAR TOLERANCE ± 2°</td></tr></table>		DIMENSIONAL RANGE (MM) CHART E						FROM TO	0 20	> 20 30	> 30 70	> 70 100	> 100	TOLERANCE UNLESS OTHERWISE SPECIFIED						± 0.15 ± 0.2 ± 0.3 ± 0.4 ± 0.5						ANGULAR TOLERANCE ± 2°					
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PART DRAWING				DISTR CODE																													
CODE NUMBER 6901	DWG DATE 20JA99	SCALE 2:1																															
QC SPEC	STYLE	VOLUME cm³ 1.888																															
PART GEOMETRY 3D SOLID	UNLESS OTHERWISE SPECIFIED:																																
 CHANGE RESTRICTED NO MANUAL CHANGES	PERFECT FORM REQUIRED FOR FEATURES OF SIZE AT MMC. TRUE POSITION TOLERANCES AND RELATED DATUMS APPLY AT CONDITION OF SIZE INDICATED IN FEATURE CONTROL FRAME. ALL OTHER GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. SEPARATE TRUE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.																																
COPY OF MATH DATA DO NOT SCALE	REFERENCE 001	DR D. HEBERLEIN	DATE 20JA99																														
		APVD1 D. HEBERLEIN	20JA99																														
METRIC UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		APVD2 D. HEBERLEIN	20JA99																														
		APVD3																															
		APVD4																															
		APVD5																															
THIRD ANGLE PROJECTION 	DRAWING NAME CPA																																
SHEET NUMBER 1 OF 1	DRAWING NUMBER 1532 8997		<table><tr><th colspan="3">DWG STATUS</th></tr><tr><th>STG</th><th>REV</th><th>N/P</th></tr><tr><td>R</td><td>003</td><td>-</td></tr></table>	DWG STATUS			STG	REV	N/P	R	003	-																					
DWG STATUS																																	
STG	REV	N/P																															
R	003	-																															
			SIZE A1																														

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 DIMENSIONS.) FOR ALL
OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
ALL RADII 0.40
DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
3. TO BE USED WITH 15 DIA MAX BUNDLE SIZE TO
9 DIA MIN BUNDLE SIZE

TOLERANCES MARKED "TBT" ARE TOOL BUILD TOLERANCES		
FOR TOOL QUALIFICATION, SEE THE CURRENT DELPHI PACKARD ELECTRIC SYSTEMS SPECIFICATION		
THE DIMENSION NUMBER(S) SHOWN BELOW INDICATE DIMENSIONS THAT ARE PROCESS SENSITIVE FOR PART PRODUCTION		
(2)	(15)	(53)
DIMENSIONS ENCLOSED IN () INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED		