

<b>QUALITY ASSURANCE PLAN</b>		<b>QAP No: ARDE/QAP(PROV)/CQB 5.56X45 mm / LOWER BODY &amp; TRIGGER MECHANISM ASSEMBLY</b>		
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<b>Component / Assembly</b>		<b>CONNECTOR LOWER BODY</b>		

- 1 Drawing no. : 1901 01 02 00 00 007 00DC
- 2 Method of Manufacture : INJECTION MOULDING
- 3 Receiving inspection : -----
- 3.1 Raw material : ZYTEL 70G13HS1L(13% Glass fibre reinforced, Heat Stabilised,Black polyamide 66)

3.2 Tests / Checks and Acceptance Criteria for Raw Material:

Sl. No	Test / Check	Parameter	Acceptance Value
1	Mechanical properties	Tensile Test,MPa	120 MPa
		Notched Charpy Impact Test	5 KJ/meter square AT 23°C

- 4 In-Process Inspection : Nil
- 5 Stage Inspection : Nil
- 6 Final Inspection : -----
- 6.1 Visual Examination : Sample Size -100%

6.1.1 Features for Visual Examination and Acceptance Criteria:

SR. No	Details of features	Sample Size	Acceptance Criteria
1	Sharp edges, burrs	100%	Not allowed
2	Tool marks, scratch marks Dull surface ,Surface Irregularities, Superficial Cracks Etc.	100%	Not allowed
3	All features like Chamfers , Radius ,Undercut etc	100%	To be present
4	Identification mark	100%	To be present

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