

Table 7: Requirement topics unique to the Active CBM.

Topic	Parameter/Value	Required Verification Approach (Summary)	ACBM Reference (S683-29902B)
Alignment at capture complete	Number of ACBM/PCBM contact points meeting separation characteristic: 3 Separation between contact point pairs: 120 +/- 30 deg	Analysis under dynamic load. Validate by assembly-level test under temperature and pressure	3.2.1.2.5 4.3.2.1.2.5
Ready-to-latch Indication	PCBM Location: within envelope specified in 3.2.1.2.2 Indication: True	Geometric analysis. Validate by assembly-level test under temperature and pressure	3.2.1.2.6 4.3.2.1.2.6
Rigidization	From capture-complete loads to sustain post-rigidization loads specified in 3.2.1.3.2.	See Table 5	3.2.1.3.2 4.3.2.1.3.2