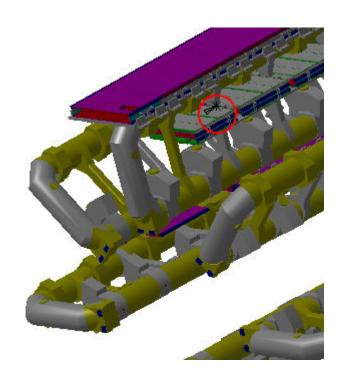
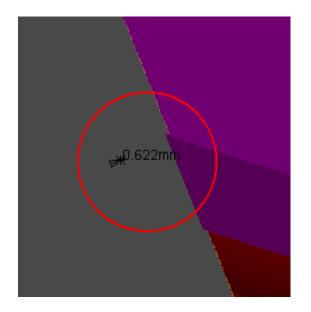


Clash Computation Specification				
Products Selected				
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCZTB_0005 INDIVIDUAL TB ENVELOPE FEET - COIL(SECTORS 12,14)	-0.62	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCZ50002 Z5 GLOBAL ENVELOPE (SIDE A) - AND LOCATION INTERFACES	-123.67	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCZ50001 Z5 GLOBAL ENVELOPE (SIDE C) - AND LOCATION INTERFACES (under construction )			
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0002 BARREL PROJECTIVE ALIGNMENT SIMPLE 3-D MODEL. SECTOR 3.	-1.95	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0003 BARREL PROJECTIVE ALIGNMENT SIMPLE 3-D MODEL. SECTOR 5	-1.95	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0009 END CAP ALIGNMENT SIDE "A" SIMPLE 3-D MODEL.	-732.01	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA0010 END CAP ALIGNMENT SIDE "C" - SIMPLE 3-D MODEL.	-735.38	Not inspected	
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0012 SECTOR 04 SIDE C (A) - REFERENCE ALIGNMENT SYSTEM AND	-146.12	Not inspected	



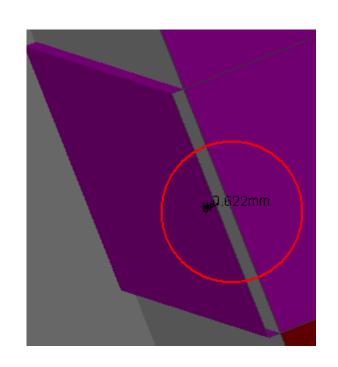
Clash Computation Specification		
Products Selected		
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCZTB0005 INDIVIDUAL TB ENVELOPE FEET - COIL(SECTORS 12,14)	

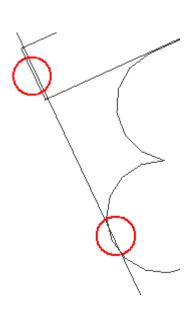


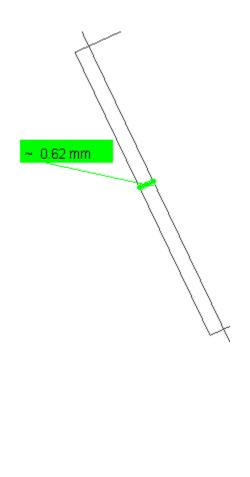


Clash=-0.62

Side C



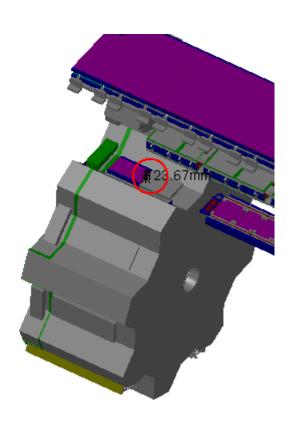


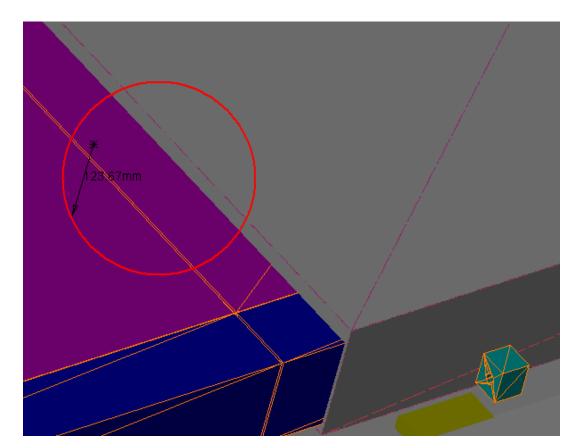




Clash Computation Specification		
Products Selected		
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCZ50002 Z5 GLOBAL ENVELOPE (SIDE A) - AND LOCATION INTERFACES	

AT602154MQ	ATCZ50002	Clash	-123.67mm	Not inspected
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Clash= -123.67mm

Side A



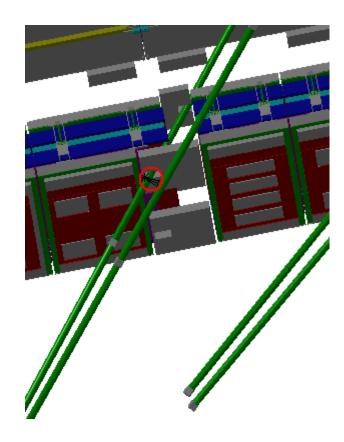
#### Clash Computation Specification

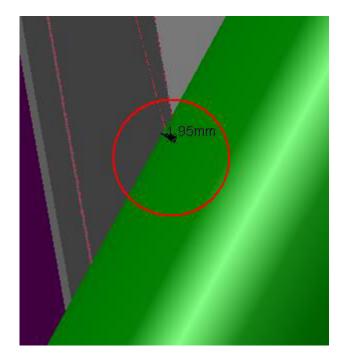
#### **Products Selected**

AT602154MQ MCB Muon Barrel Chambers Detailed Sec4

ATCNMA\_0002 BARREL PROJECTIVE ALIGNMENT. - SIMPLE 3-D MODEL. SECTOR 3.

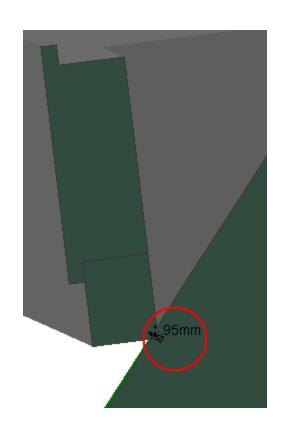
AT602154M ATCNMA_0002 Clash	-1.95mm	Not inspected	
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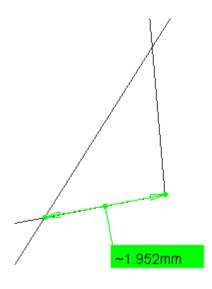


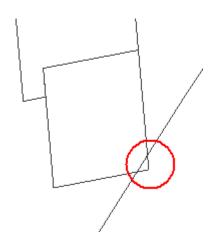


Clash=-1.95mm

Side C



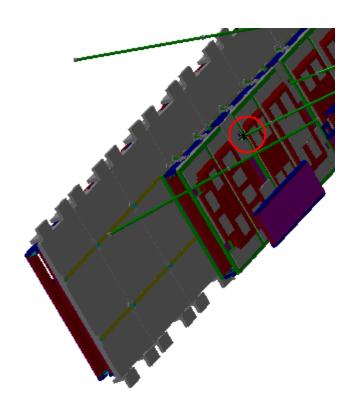


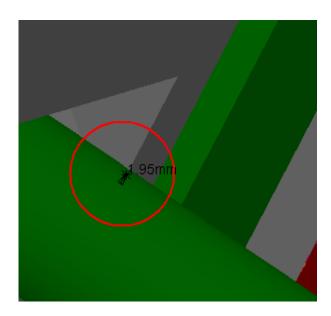




Clash Computation Specification		
Products Selected		
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0003 BARREL PROJECTIVE ALIGNMENT SIMPLE 3-D MODEL. SECTOR 5	

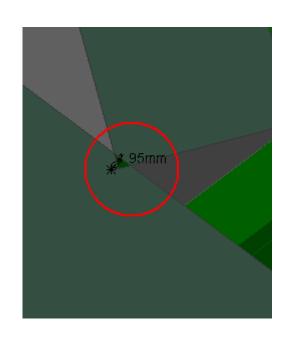
AT602154MQ	ATCNMA_0003	Clash	-1.95mm	Not inspected
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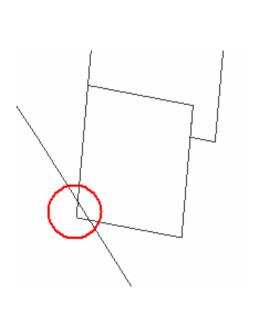


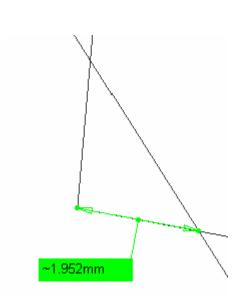


Clash=-1.95mm

Side C

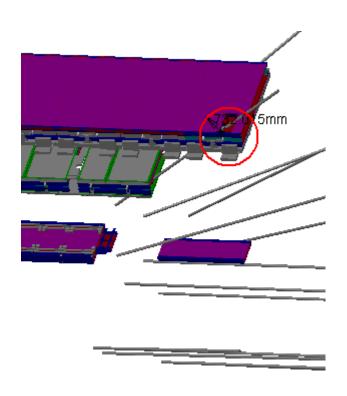


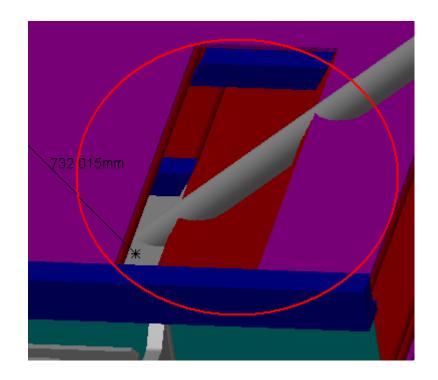






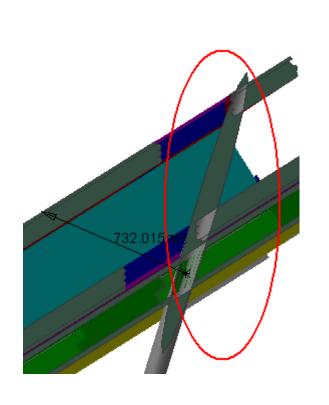
Clash Computation Specification		
Products Selected		
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA0009 END CAP ALIGNMENT SIDE "A" SIMPLE 3-D MODEL.	

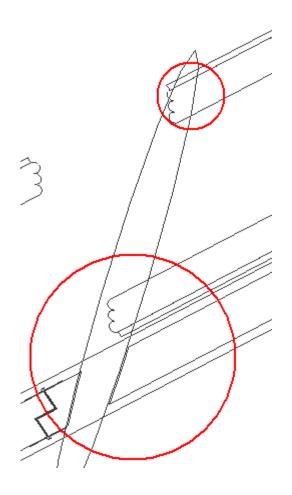




Clash=-732.01mm

Side A

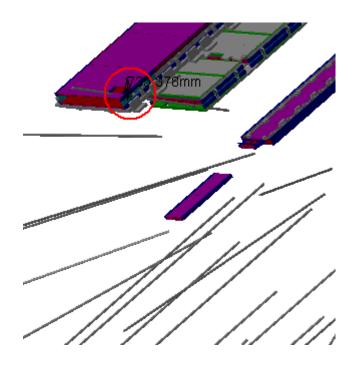


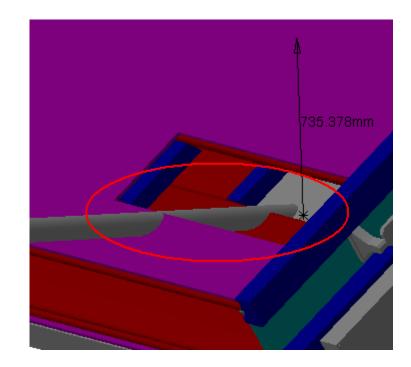




Clash Computation Specification		
Products Selected		
AT602154MQ MCB Muon Barrel Chambers Detailed Sec4	ATCNMA_0010 END CAP ALIGNMENT SIDE "C" - SIMPLE 3-D MODEL.	

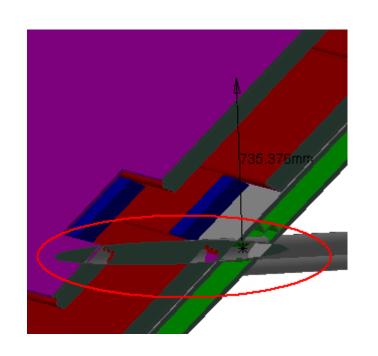
AT602154MQ	ATCNMA_0010	Clash	-735.38mm	Not inspected	
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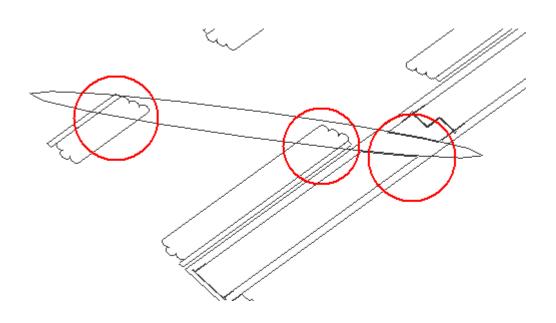




Clash=-735.38mm

Side C





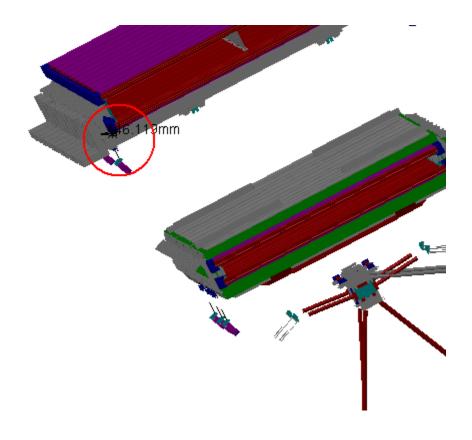


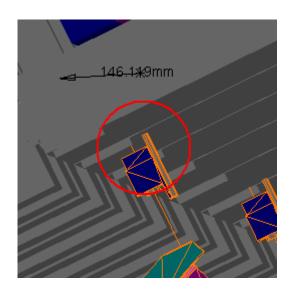
# Clash Computation Specification Products Selected AT602154MQ MCB Muon Barrel Chambers Detailed ATCNMA\_0012 SECTOR 04 SIDE C (A) -

REFERENCE ALIGNMENT SYSTEM AND

**Computation Result:** 

Sec4





Clash=-146.12mm

Side C



