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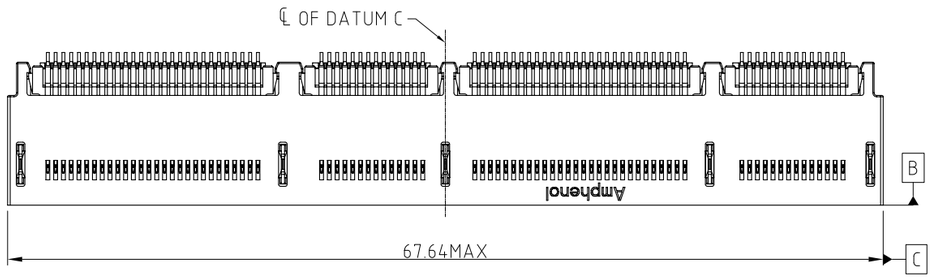
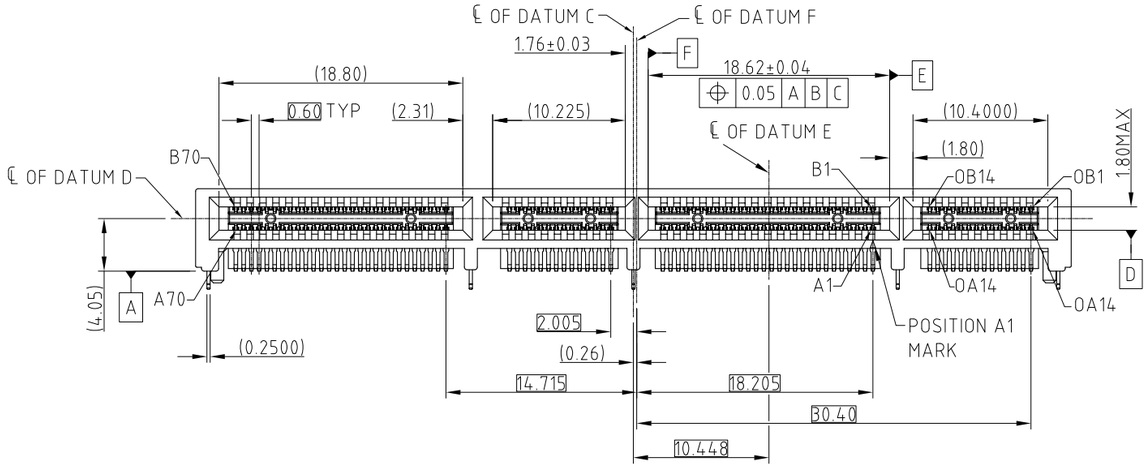
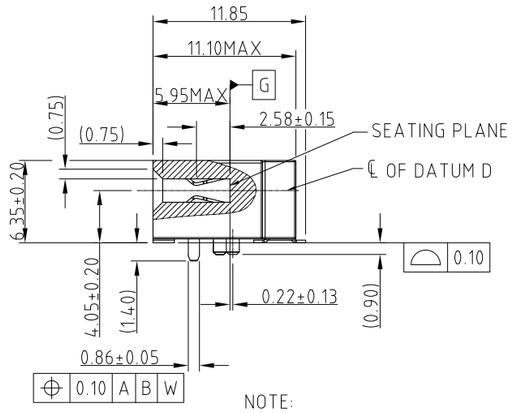
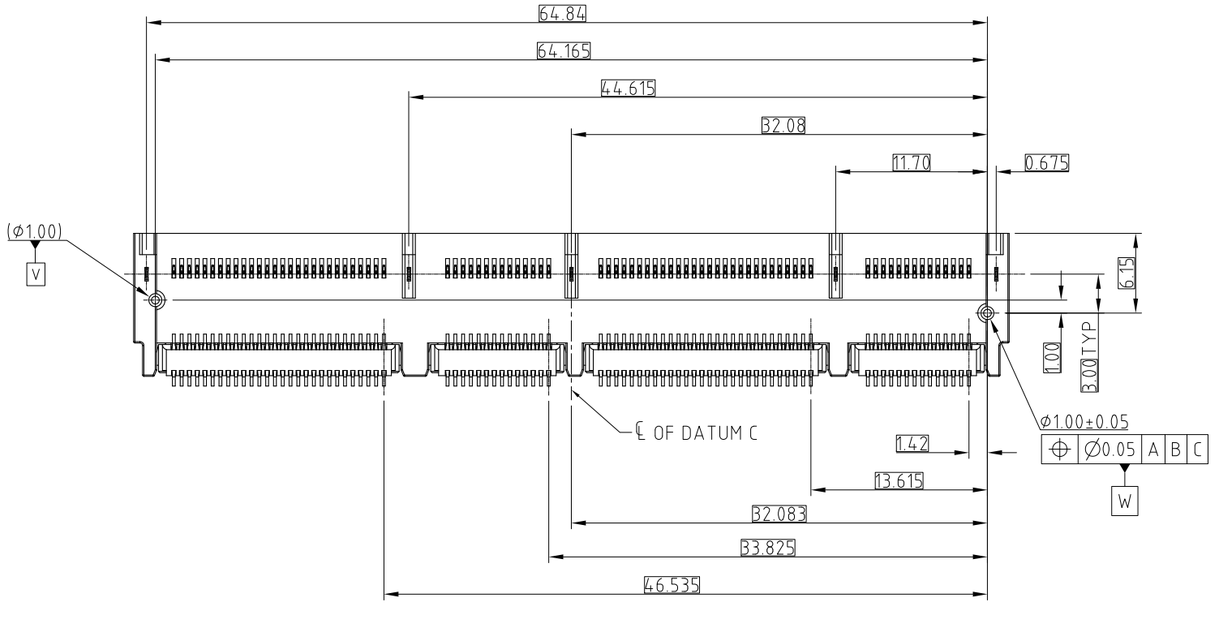
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
2	CDXXXX	ADD MATING CARD	May.28,2018	YH
3	CDXXXX	UPDATED THE PIN NUMBER	Jun.20,2018	YH
4	CDXXXX	REVISE THE BOARD LOCK LENGTH	Jul.02,2018	YH
5	CDXXXX	REVISE THE BOARD LOCK LENGTH	Aug.22,2018	YH
6	CDXXXX	REVISE THE DRAWING	Sep.10,2018	YH
7	CDXXXX	UPDATED BY SFF TA 1002 REV 1.1.2	Oct.12,2018	YH
8	CDXXXX	UPDATED BY SFF TA 1002 REV 1.1.3	Nov.08,2018	YH









NOTE:
1. MATERIAL:
   HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
   CONTACT: COPPER ALLOY
   BOARD LOCK: COPPER ALLOY
2. PLATING:
   CONTACT: MATING AREA: Au THICKNESS PLEASE REFER TO PN SYSTEM,
   1.27-2.54 μm NICKEL UNDERPLATED
   SOLDER AREA: 1.27 μm MIN TIN OVER 1.27-2.54 μm NICKEL UNDERPLATED
   BOARD LOCK: 1.27 MIN TIN OVER 1.27-2.54UM NICKEL UNDERPLATED
3. ELECTRICAL PERFORMANCE:
   RATED CURRENT: 1.1A/PIN UP TO 12PINS
   LLCR:30mΩ MAX, DELTA 15 mΩ.
   INSULATION RESISTANCE: 1000MΩ MIN
4. DURABILITY:200 CYCLES.
5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# S-SN-002 AND S-SN-004
6. ORDERING PN SYSTEM : ME101681020103X
   - PLATING SPEC
     1 0.76um Au
     2 0.38um Au
     3 GOLD FLASH
     4 PaNi Au 0.76um+G/F

Amphenol Corporation RoHS Compliant 2011/65/EU

PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
.X +/-		0.25
.XX +/-		0.20
.XXX +/-		0.15
FRACTIONS +/-		
ANGLES +/-		5°
FOR MATERIALS AND FINISHES SEE NOTES		
REMOVE SHARP EDGES		
DIMENSIONS		
~~U.S.~~	~~INCHES~~	
(METRIC)	(mm)	

APPROVAL		DATE
DRAWN	Teng.Cao	Nov.08,2018
CHECKED	Ly.Yi	Nov.08,2018
APPROVED		

DRAWING FILE :
INTERNAL\DRAWING\ME\CME101681020103X

ANGLE OF PROJECTION

Amphenol

TITLE
MINI COOL EDGE CONNECTOR
168P R/A 0.6MM PITCH 4.05

SIZE	DRAWING NO.	REV.
A3	C ME101681020103X	8
SCALE	NONE	SHEET 1 OF 2

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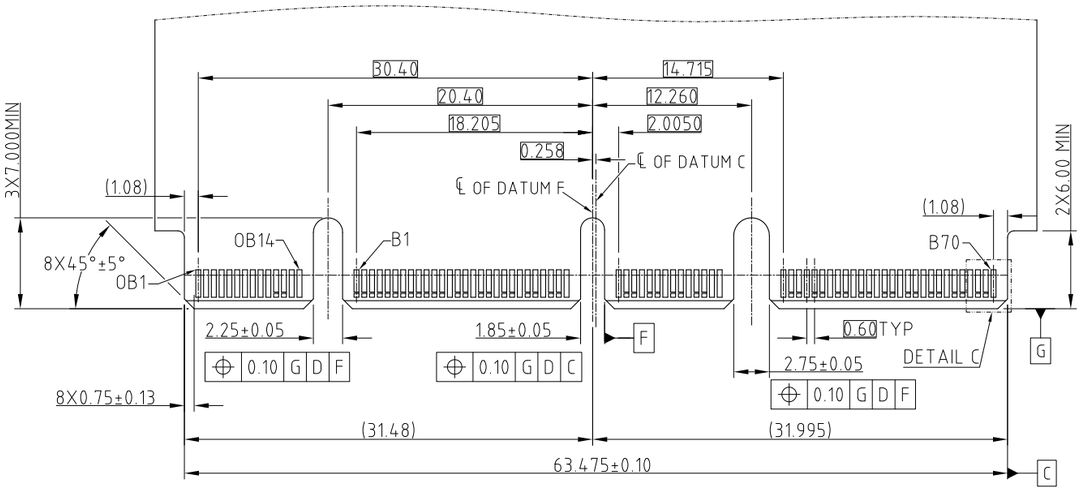
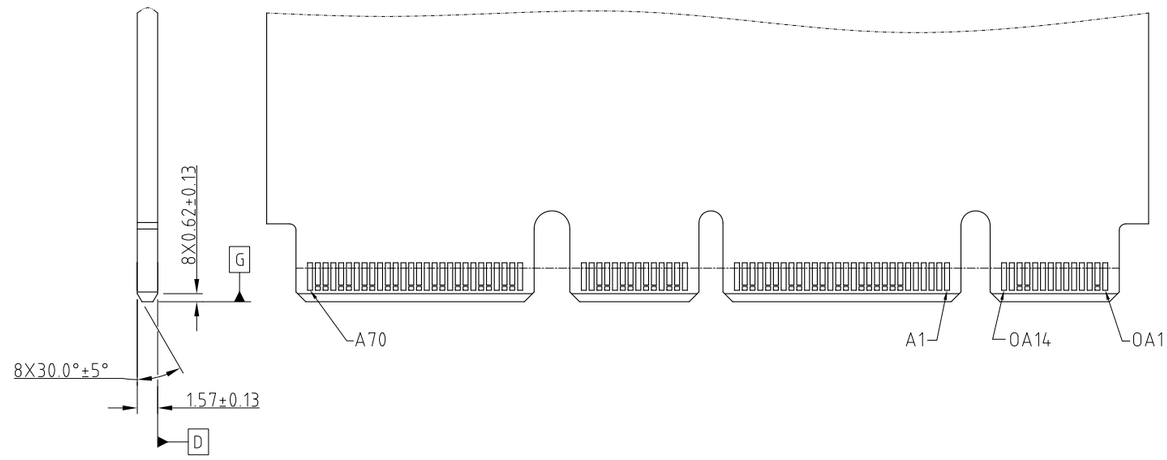
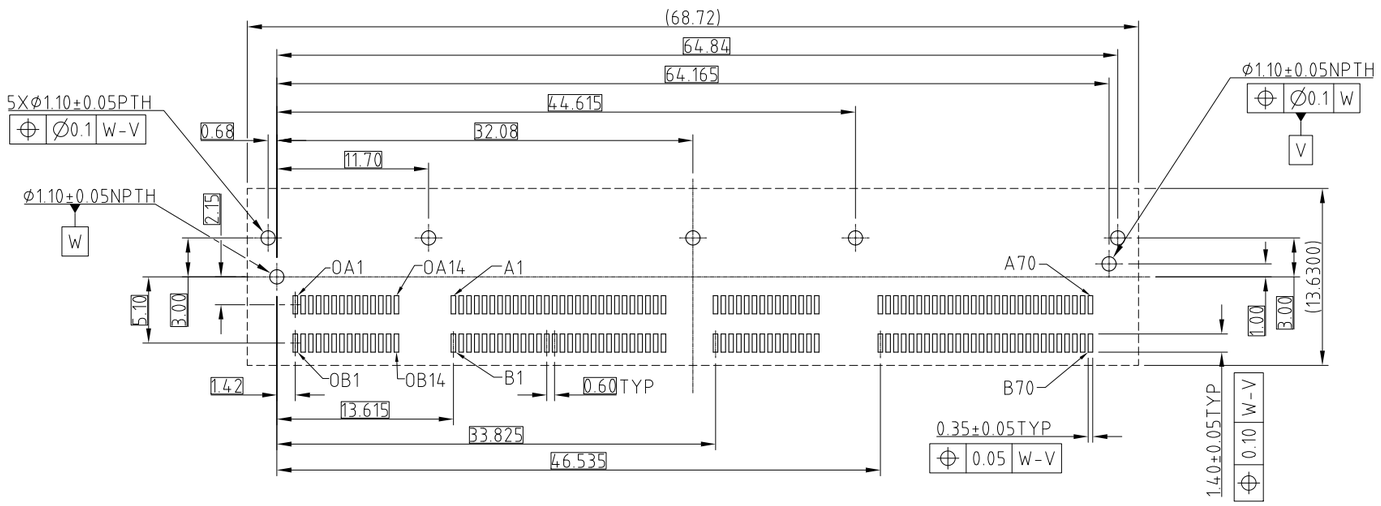
CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
		SEE SHEET 1		

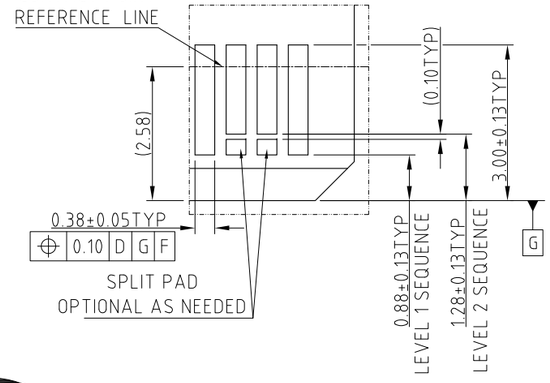




RECOMMENDED AIC MATING CARD



RECOMMENDED FOOTPRINT



DETAIL C
SCALE 4:1

UNLESS OTHERWISE SPECIFIED TOLERANCES	U.S.	METRIC
.X +/-		0.25
.XX +/-		0.20
.XXX +/-		0.15
FRACTIONS +/-		
ANGLES +/-		5°

FOR MATERIALS AND FINISHES SEE NOTES

REMOVE SHARP EDGES

DIMENSIONS

~~U.S.~~	~~INCHES~~
(METRIC)	(mm)

APPROVAL		DATE
DRAWN	Teng.Cao	Nov.08,2018
CHECKED	Ly.Yi	Nov.08,2018
APPROVED		

DRAWING FILE :
INTERNAL\DRAWING\ME\CME101681020103X

ANGLE OF PROJECTION

Amphenol

TITLE
MINI COOL EDGE CONNECTOR
168P R/A 0.6MM PITCH 4.05

SIZE	DRAWING NO.	REV.
A3	C ME101681020103X	8

SCALE	NONE	SHEET 2 OF 2