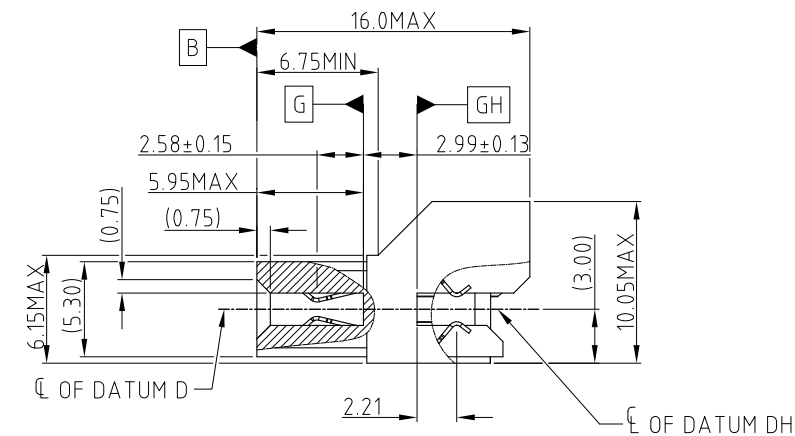


CUSTOMER DRAWING

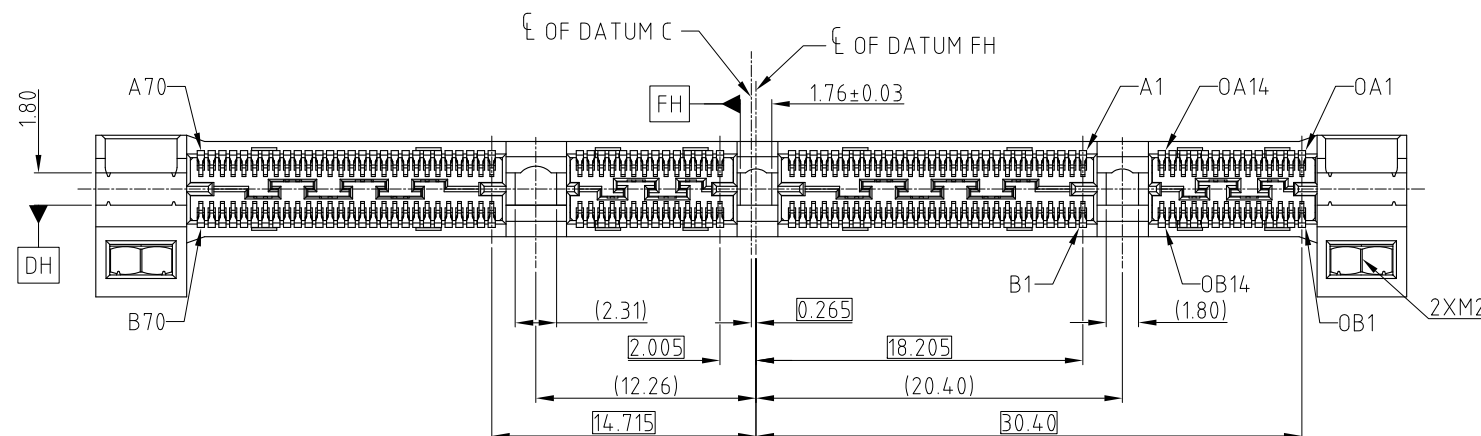
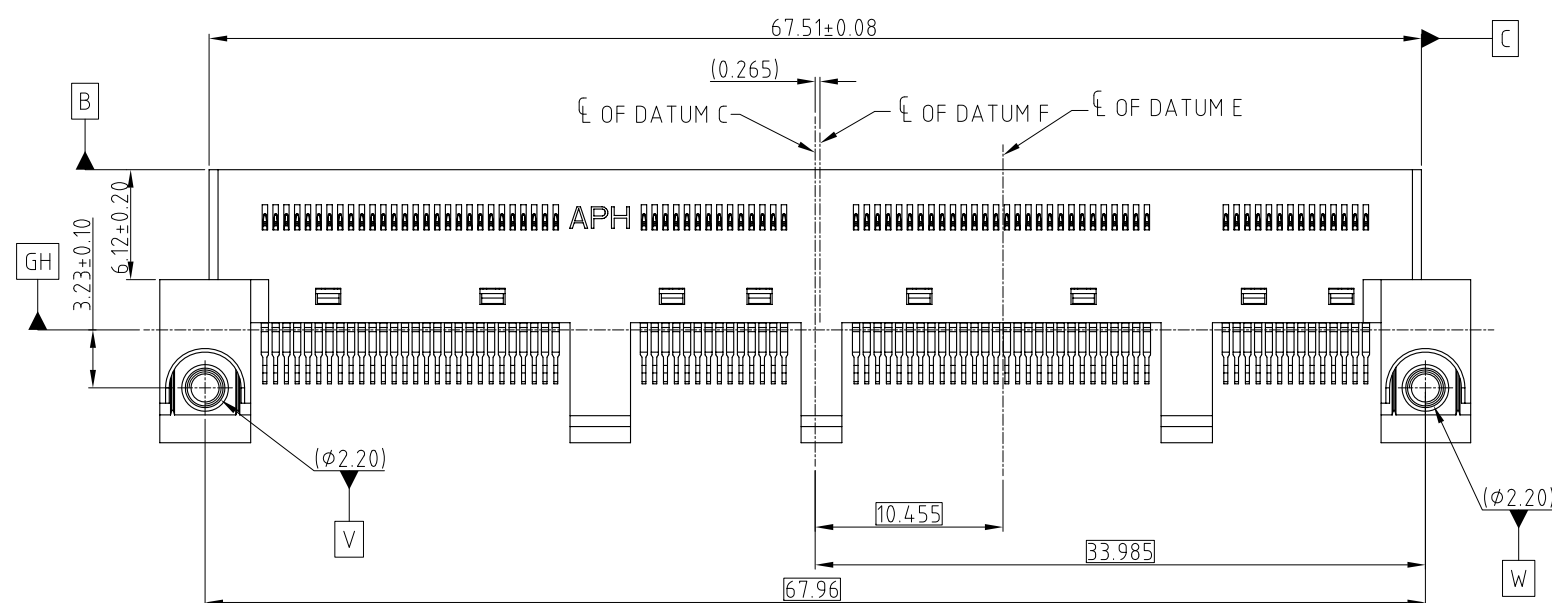
Technical drawing of a mechanical assembly, likely a fuel system component, showing dimensions and datums. The drawing includes the following features:

- Overall Dimensions:**
 - Total length: 73.15 MAX
 - Distance from Datum D to Datum F: 1.76 ± 0.03
 - Distance from Datum F to Datum E: 18.62 ± 0.04
 - Distance from Datum E to the right end: 1.80
 - Distance from Datum D to the right end: 180 MAX
- Datums:**
 - DATUM D:** Indicated by a crosshair symbol on the left end.
 - DATUM F:** Indicated by a box labeled 'F' and a vertical line.
 - DATUM E:** Indicated by a box labeled 'E' and a vertical line.
- Feature Dimensions and Tolerances:**
 - Feature B70: Dimension (18.80) , tolerance 0.60 TYP .
 - Feature A70: Dimension (2.31) .
 - Feature B1: Dimension (10.225) .
 - Feature A1: Dimension (10.190) .
 - Feature OB14: Dimension (10.40) .
 - Feature OA14: Dimension (10.40) .
 - Feature OA1: Dimension (1.80) .
 - Feature OB1: Dimension (1.80) .
 - Feature A1 MARK: Dimension 30.40 .
 - Feature D: Dimension 1.80 MAX .
- Other Dimensions:**
 - Distance from Datum D to Datum F: 14.715
 - Distance from Datum F to Datum E: 18.205
 - Distance from Datum E to the right end: 2.005

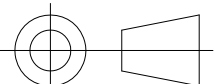


1. MATERIAL:
HOUSING: HIGH TEMPERATURE THERMOPLASTIC BLACK UL94-V0
CONTACT: COPPER ALLOY
NUT: STAINLESS STEEL
2. PLATING:
CONTACT: MATING AREA: Au THICKNESS PLEASE REFER TO PN SYSTEM,
1.27-2.54 μm NICKEL UNDERPLATED
SOLDER AREA: 1.27 μm MIN TIN OVER 1.27-2.54 μm NICKEL UNDERPLATED
3. ELECTRICAL PERFORMANCE:
RATED CURRENT: 1.1A/PIN UP TO 12PINS
LLCR: 30m Ω MAX, DELTA 15 m Ω .
INSULATION RESISTANCE: 1000M Ω MIN
4. DURABILITY: 200 CYCLES.
5. MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC#S-SN-002 AND S-SN-004
6. ORDERING PN SYSTEM ME101681340110X

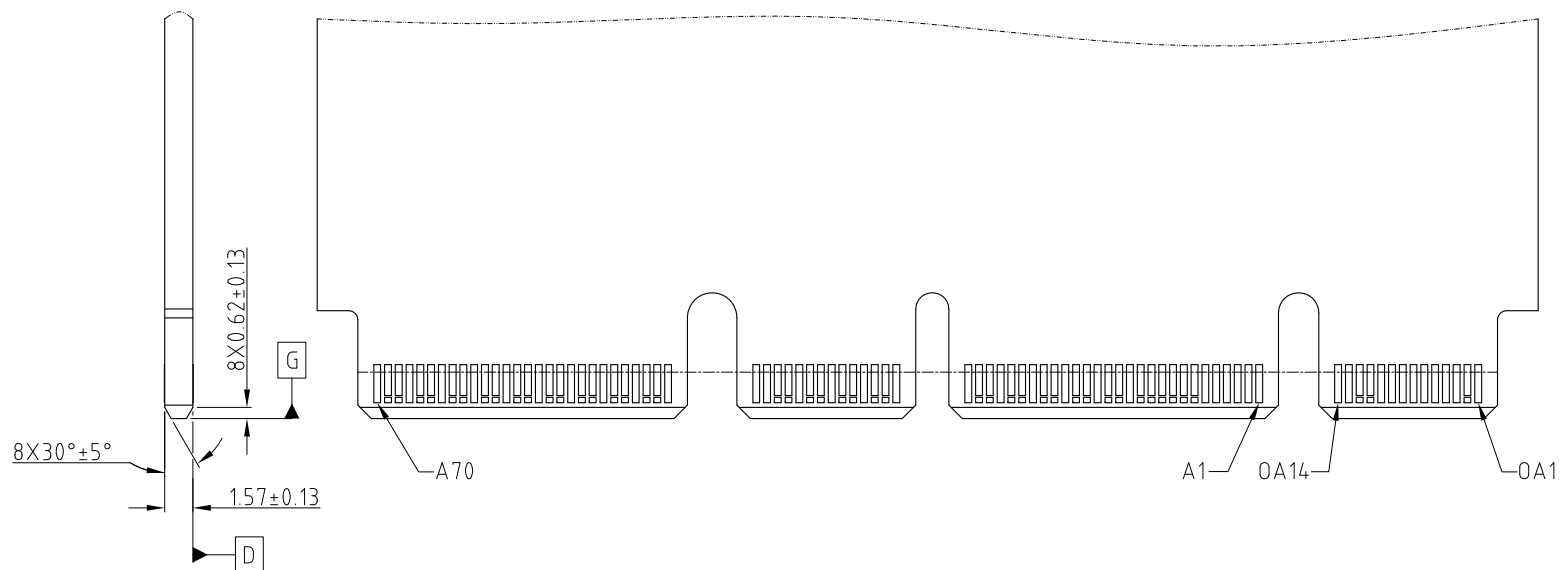
— PLATING SPEC
1 0.76um Au
2 0.38um Au
3 GOLD FLASH
4 PdNi 0.76um+G/F



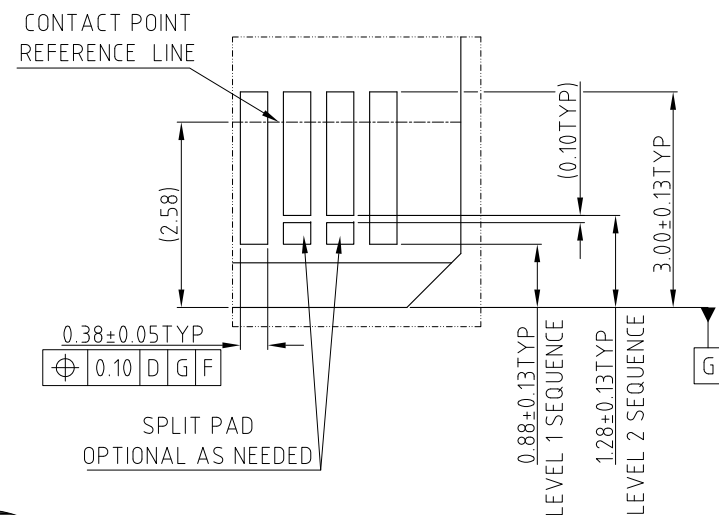
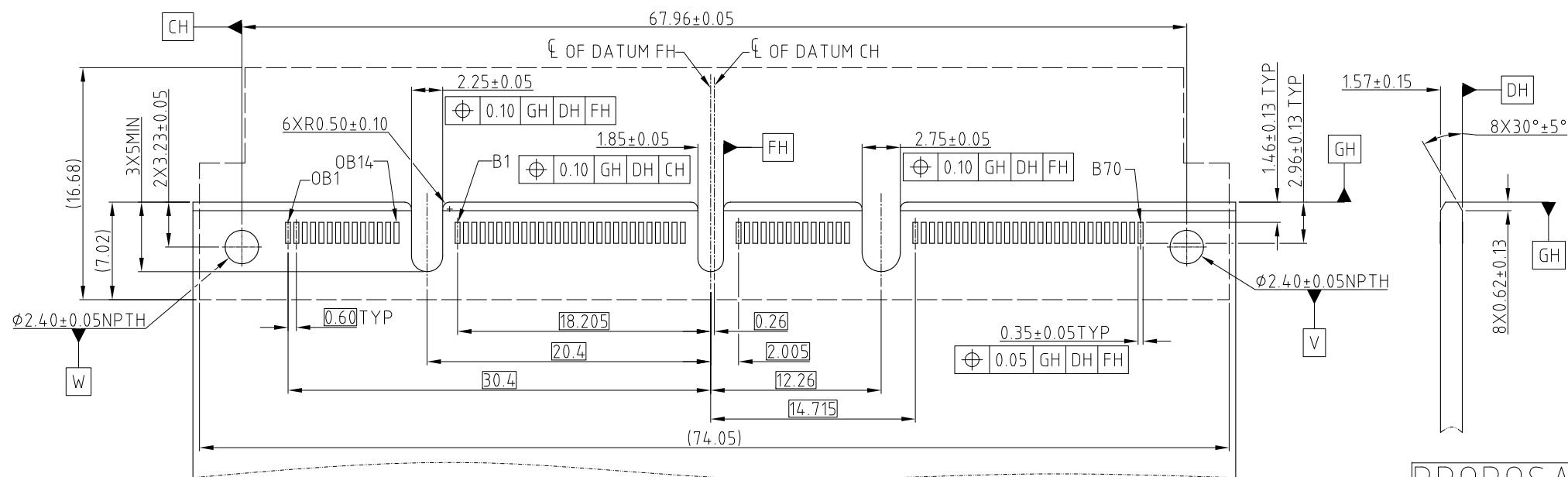
PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN	Teng.Cao	Nov.08,2018			
.X +/- 0.25		CHECKED	Ly.Yi	Nov.08,2018			
.XX +/- 0.20		APPROVED					
.XXX +/- 0.15						TITLE MINI COOL EDGE CONNECTOR 168P S/M MATE 1.57 HOST PCB	
FRACTIONS +/-		DRAWING FILE :		INTERNAL\ME\C ME101681340110X			
ANGLES +/- 5°		ANGLE OF PROJECTION					
FOR MATERIALS AND FINISHES SEE NOTES				SIZE DRAWING NO. REV. A3 C ME101681340110X 4			
REMOVE SHARP EDGES				SCALE		NONE	
DIMENSIONS				SHEET		1 OF 2	
— U.S. —							
INCHES							
(METRIC)							
(mm)							

CUSTOMER DRAWING

[illegible]

RECOMMENDED AIC MATING CARD



DETAIL C
SCALE 4:1



PROPOSAL DRAWING

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE		Amphenol	
U.S. METRIC		DRAWN	Teng.Cao	Nov.08.2018			
.X +/-		CHECKED	Ly.Yi	Nov.08.2018			
.XX +/-		APPROVED					
.XXX +/-						TITLE MINI COOL EDGE CONNECTOR 168P S/M MATE 1.57 HOST PCB	
FRACTIONS +/-							
ANGLES +/-		5°					
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :					
REMOVE SHARP EDGES		INTERNAL\ME\C ME101681340110X					
DIMENSIONS		ANGLE OF PROJECTION					
— U.S. —				SIZE		DRAWING NO.	
INCHES				A3		C ME101681340110X	
(METRIC)				SCALE		NONE	
(mm)						SHEET 2 OF 2	