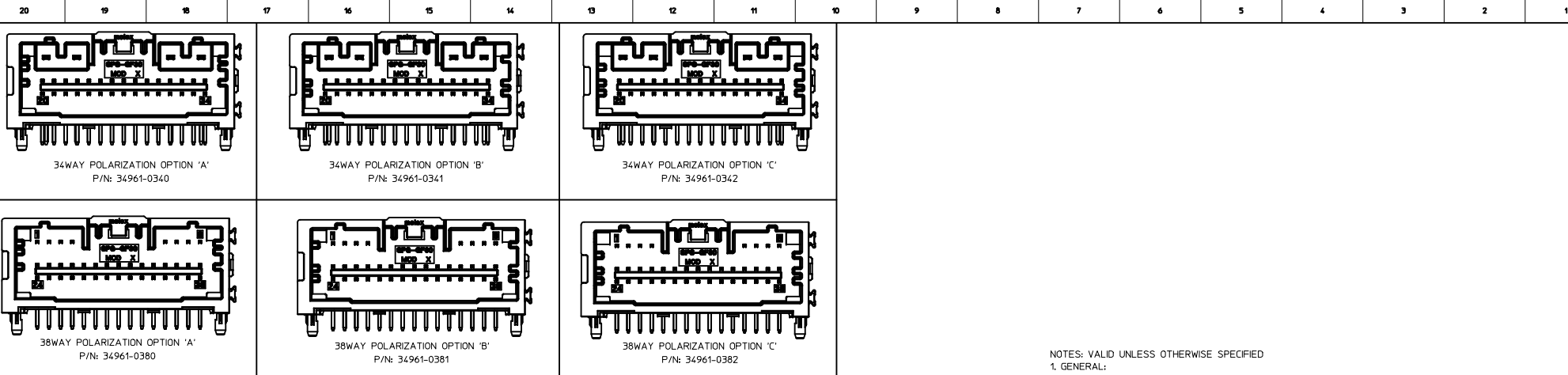




NOTES: VALID UNLESS OTHERWISE SPECIFIED
1. GENERAL:

a. CONNECTOR HEADER MUST BE VALIDATED TO THE FOLLOWING FUNCTIONAL REQUIREMENTS:

VALIDATION SPECIFICATION = GMW3191 JUNE 2012

SOLDERABILITY = SMES-152

b. APPLICATION REQUIREMENTS (REFERENCE ONLY) FOR:

SEE APPLICATION SPECIFICATION = AS-34959-001

SEE PRODUCT SPECIFICATION = PS-34959-001

MATES WITH: SD-34959-030

c. PACKAGING SPECIFICATION PER MOLEX DRAWING PK-XXXX-XXX

2. DESIGN: MATERIALS:

a. SHROUD (PLASTIC HOUSING):
RESIN = SPS 30%GF

b. PIN ALIGNMENT PLATE:
RESIN = SPS 30%GF

c. 0.50MM BLADES:
BASE MATERIAL: C26800
PLATING TYPE: AS NOTED

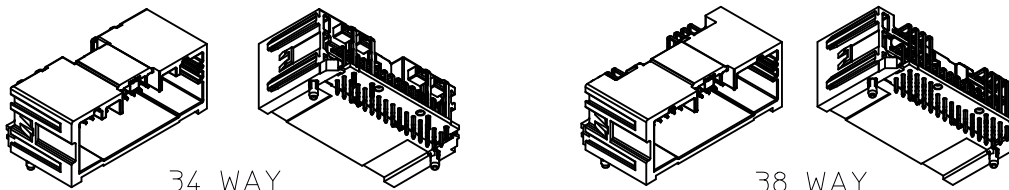
d. 1.20MM BLADES:
BASE MATERIAL: C26800
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

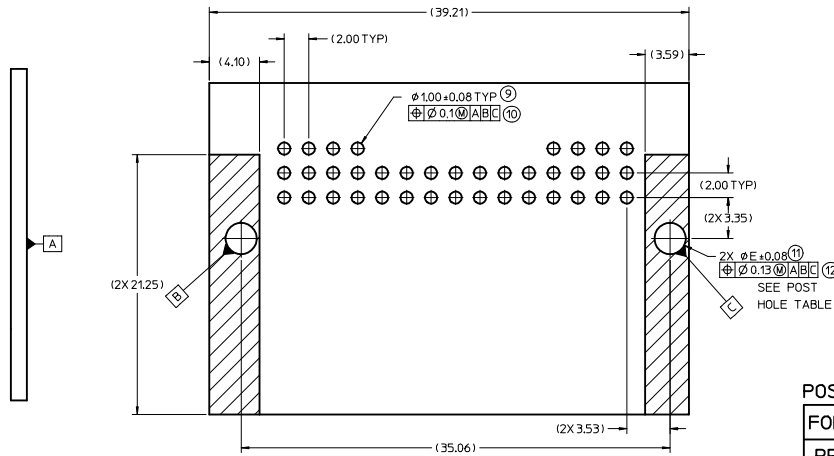
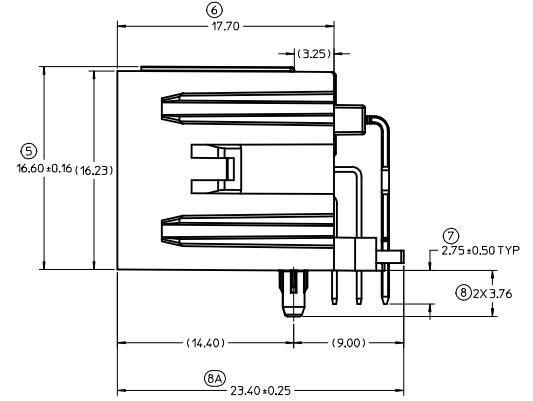
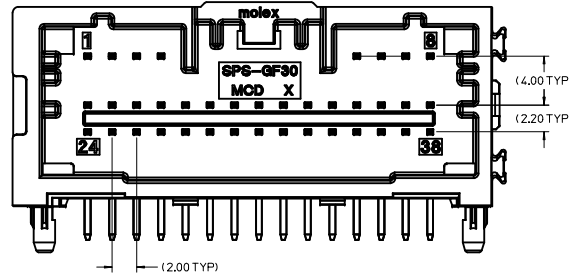
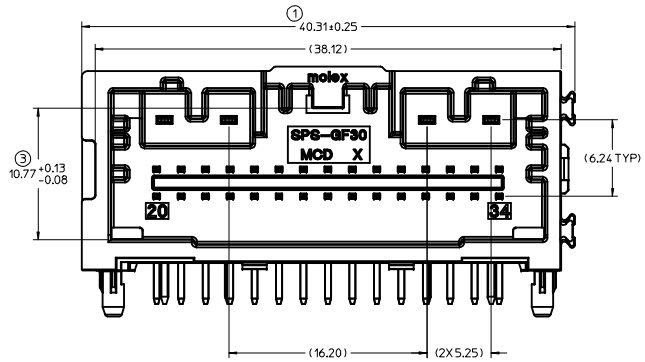
b. OVERPLATING - OVERALL TIN

MATERIAL NUMBER		CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31302-070	TUBE PACKAGING PK-31301-688				
34961-0340	34961-7340	34	34CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34961-0341	34961-7341	34	34CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34961-0342	34961-7342	34	34CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	C	DK GREY
34961-0380	34961-7380	38	38CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	A	BLACK
34961-0381	34961-7381	38	38CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	B	GREY
34961-0382	34961-7382	38	38CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY	C	DK GREY



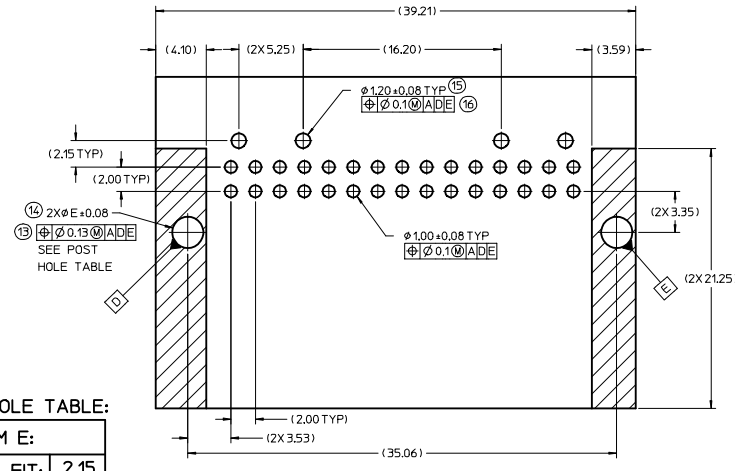
ISOMETRIC VIEW
SCALE 2:1

ENTER DESCRIPTION IEC NO: UAU2016-1693 DRAWN: JFISCHER01 2016/05/18 CHKD: APPR: RBALMAN 2016/05/18 REV C6	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		mm INCH		DRAWN BY JFISCHER01	DATE 2012/11/21	TITLE 34 & 38 CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING		
				CHECKED BY	DATE	moLEX		
				APPROVED BY KDEKOSKI	DATE 2012/12/21			
				MATERIAL NO.	DOCUMENT NO. SD-34961-030			
ANGULAR ± 1 °		SEE CHART		SHEET NO. 1 OF 2				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



POST HOLE TABLE:

FOR DIM E:	
PRESS FIT:	2.15
DROP IN:	2.55



REFERENCE 38WAY PCB LAYOUT

REFERENCE 34WAY PCB LAYOUT

DIN 16901	CODE LETTER	NOMINAL DIMENSION RANGE															
		OVER UP TO	0	1	3	6	10	15	22	30	40	53	70	90	120	160	
PRECISION ENGINEERING	A		+0.10	+0.12	+0.14	+0.16	+0.20	+0.22	+0.24	+0.26	+0.28	+0.31	+0.35	+0.40	+0.50		
	B		+0.05	+0.06	+0.07	+0.08	+0.10	+0.12	+0.14	+0.16	+0.18	+0.21	+0.25	+0.30	+0.40		

A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)

A: FOR NON-MOLD RELATED DIMENSIONS (ACROSS PARTING LINE)
B: FOR MOLD RELATED DIMENSIONS (WITHIN MOLD COMPONENTS)

ENTER DESCRIPTION IEC NO. UAU2016-1693 DRAWN/FISCHER01 2016/05/18 CHKD: APPR:RBALMAN 2016/05/16 C6	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ± 1° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY JFISCHER01 DATE 2012/11/21 CHECKED BY DATE APPROVED BY KDEKOSKI DATE 2012/12/21 MATERIAL NO. SEE CHART	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION 34 & 38 CKT MINI50 RIGHT ANGLE HEADER ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-34961-030 SHEET NO. 2 OF 2