

MATERIAL NUMBER			CKT SIZE	DESCRIPTION	POL	COLOR
TRAY PACKAGING PK-31302-070	T&R PACKAGING PK-47799-0001	TUBE PACKAGING PK-31301-688				
34958-0340	34958-8340	34958-7340	34	34WAY MIN50 VERTICAL HEADER ASSEMBLY	A	BLACK
34958-0341	34958-8341	34958-7341	34	34WAY MIN50 VERTICAL HEADER ASSEMBLY	B	GREY
34958-0342	34958-8342	34958-7342	34	34WAY MIN50 VERTICAL HEADER ASSEMBLY	C	DK GREY
34958-0380	34958-8380	34958-7380	38	38WAY MIN50 VERTICAL HEADER ASSEMBLY	A	BLACK
34958-0381	34958-8381	34958-7381	38	38WAY MIN50 VERTICAL HEADER ASSEMBLY	B	GREY
34958-0382	34958-8382	34958-7382	38	38WAY MIN50 VERTICAL HEADER ASSEMBLY	C	DK GREY

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: SEE TABLE

2. DESIGN MATERIALS:

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

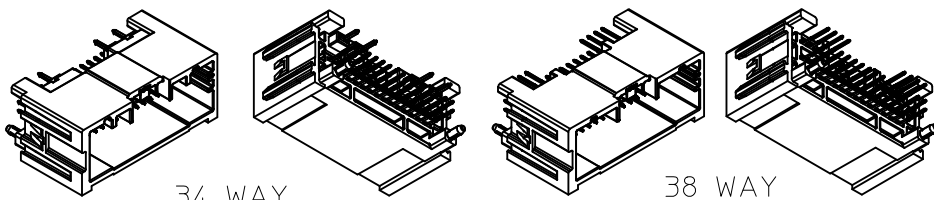
b. 0.50mm BLADES:
BASE MATERIAL: C26800
PLATING TYPE: AS NOTED

c. 12mm BLADES:
BASE MATERIAL: C26800
PLATING TYPE: AS NOTED

3. PLATING REQUIREMENTS:

a. UNDERPLATING - OVERALL NICKEL

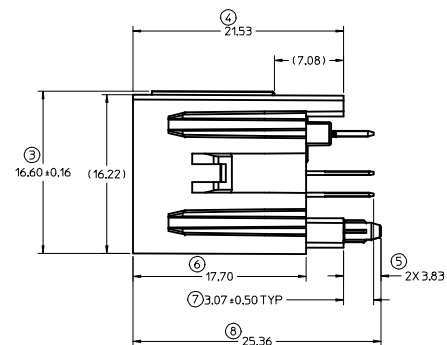
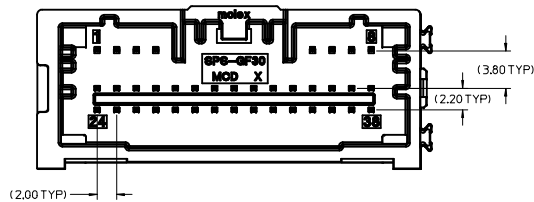
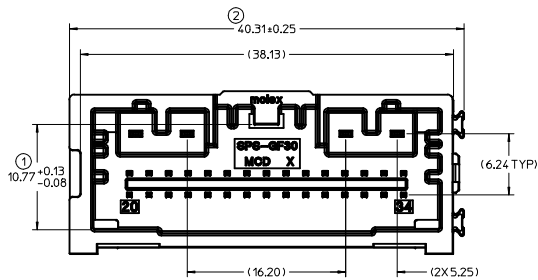
b. OVERPLATING - OVERALL TIN



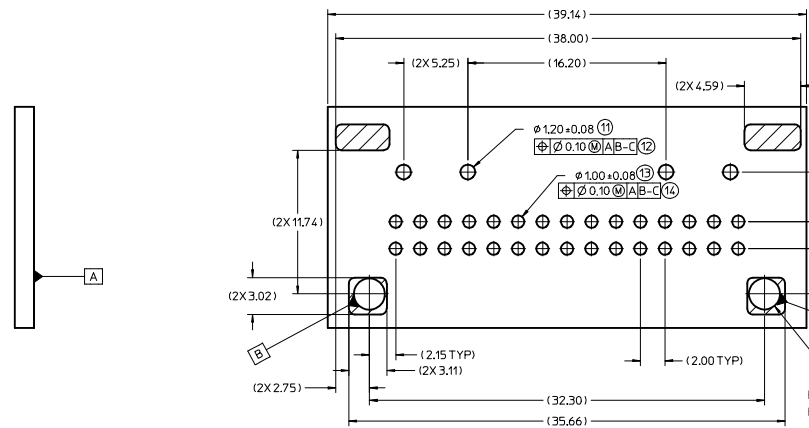
ISOMETRIC VIEWS
SCALE 2:1

INSPECTION BALLOON NUMBER LOG	
PER DRAWING REVISION:	A5
LAST BALLOON NUMBER USED:	20
ADDED BALLOON NUMBERS:	
REMOVED BALLOON NUMBERS:	9, 10

ENTER DESCRIPTION IEC NO: UAU2017-0815 DRAWN: JFISCHERO1 2017/03/14 CHKD: CHYK APPR: RBAUMAN REVD: 2017/03/21	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED): mm INCH 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 DATE JFISCHERO1 2013/12/05 CHECKED BY DATE APPROVED BY DATE RBAUMAN 2014/02/19	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 34 & 38 CKT MIN50 VERTICAL HEADER ASSMBLY SALES DRAWING molex	MATERIAL NO. SEE CHART SIZE D	DOCUMENT NO. SD-34958-300	SHEET NO. 1 OF 2
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							



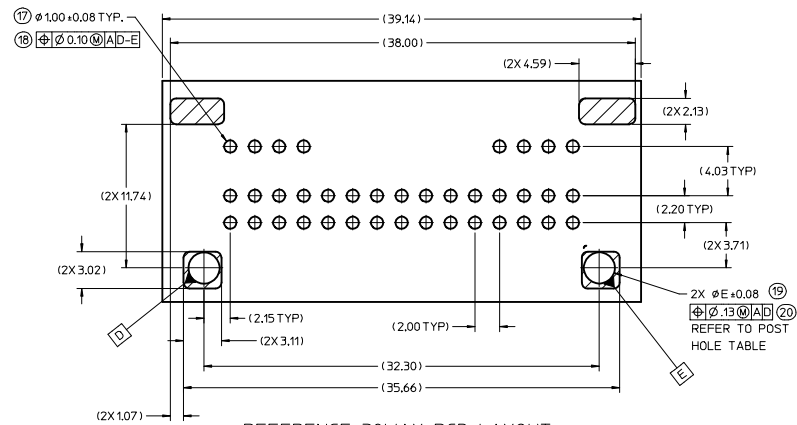
REFERENCE PCB LAYOUT



REFERENCE 34WAY PCB LAYOUT

POST HOLE TABLE:

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



REFERENCE 38WAY PCB LAYOUT

DN 16901	CODE LETTER	NOMINAL DIMENSION RANGE															
		OVER	0	1	3	6	10	15	22	30	40	53	70	90	120		
PRECISION	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			
ENGINEERING	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)

ENTER DESCRIPTION EC NO: UAU2017-0815 DRAWN: JFISCHERO1 2017/03/14 CHKD: APPR: RBAUMAN	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± ---	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
APPROVED BY DATE RBAUMAN 2014/02/19	MATERIAL NO.	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DATE 2013/12/05	TITLE 34 & 38 CKT MINISO VERTICAL HEADER ASSMBLY SALES DRAWING	DOCUMENT NO. SD-34958-300
SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					SHEET NO. 2 OF 2