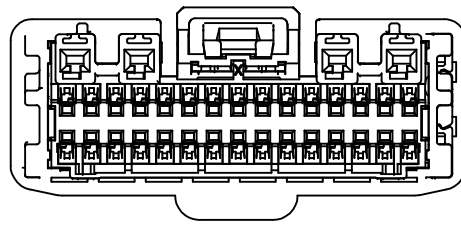
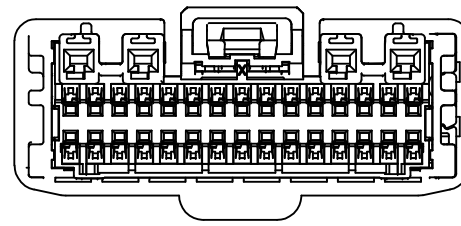


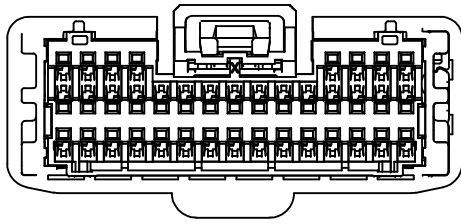
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P/N: 34959-0340



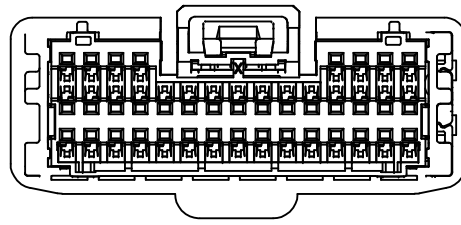
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P/N: 34959-0341



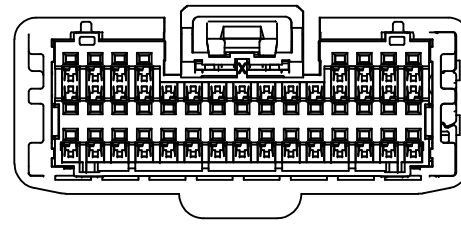
34 WAY POLARIZATION OPTION 'C'
P/N: 34959-0342



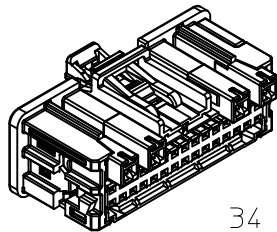
38 WAY POLARIZATION OPTION 'A'
P/N: 34959-0380



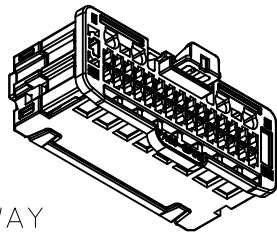
38 WAY POLARIZATION OPTION 'B'
P/N: 34959-0381



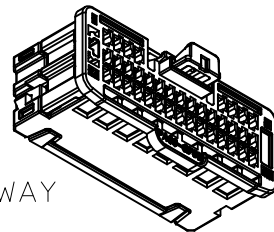
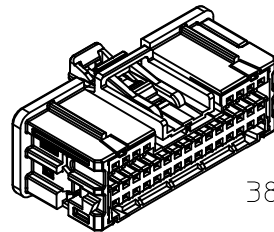
38 WAY POLARIZATION OPTION 'C'
P/N: 34959-0382



34 WAY



38 WAY



ISOMETRIC VIEWS
SCALE 3:1
(POLARITY A SHOWN)

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- a. APPLICATION SPECIFICATION SEE: AS-34959-001
- b. PRODUCT SPECIFICATION SEE: PS-34959-001

2. DESIGN - MATERIALS:

- a. SEE BOM TABLE ON SHEET 2

3. DESIGN - GEOMETRY:

- a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.
- b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE ON SHEET 2
- c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5K-2009
- d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- f. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.

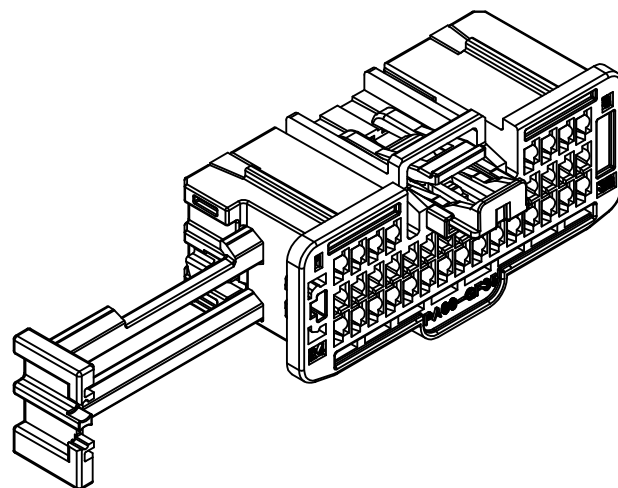
4. DESIGN - MANUFACTURING:

- a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)
- 5. ISL IS SHIPPED IN SEATED POSITION AND MUST BE REMOVED PRIOR TO TERMINAL INSTALLATION

INSPECTION BALLOON NUMBER LOG	
PER DRAWING REVISION:	C4
LAST BALLOON NUMBER USED:	②
ADDED BALLOON NUMBERS:	
REMOVED BALLOON NUMBERS:	

ENTER DESCRIPTION IEC NO. UAU2016-1668 DRAWN BY JFISCHER01 2016/05/12 CHKD: APPR:RBALMAN 2016/05/18 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	☉
	▽=0	4 PLACES # --- ± ---				
	▽=0	3 PLACES # --- ± ---				
		ANGULAR ± 1 °	DRAWN BY DATE			TITLE
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	JFISCHER01 2012/08/17			34/38 WAY MINI50 FEMALE RECEPTACLE ASSEMBLY SALES DRAWING
			CHECKED BY DATE			
			APPROVED BY DATE			
			SMARCEAU 2012/08/21			
			MATERIAL NO.			DOCUMENT NO.
			SEE CHART			SD-34959-030
			SIZE D			SHEET NO.
						1 OF 3
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DESCRIPTION	COLOR	MOLEX ASSEMBLY PART NO.'S	MATING COMPONENT	
			VERTICAL HEADER	RIGHT ANGLE HEADER
34WAY RECEPTACLE ASSEMBLY POL A W/ CPA	BLACK	34959-0340	34958-0340	34961-0340
34WAY RECEPTACLE ASSEMBLY POL B W/ CPA	GREY	34959-0341	34958-0341	34961-0341
34WAY RECEPTACLE ASSEMBLY POL C W/ CPA	DK GREY	34959-0342	34958-0342	34961-0342
38WAY RECEPTACLE ASSEMBLY POL A W/CPA	BLACK	34959-0380	34958-0380	34961-0380
38WAY RECEPTACLE ASSEMBLY POL B W/ CPA	GREY	34959-0381	34958-0381	34961-0381
38WAY RECEPTACLE ASSEMBLY POL C W/ CPA	DK GREY	34959-0382	34958-0382	34961-0382
34WAY RECEPTACLE ASSEMBLY POL A	BLACK	34959-0347	34958-0340	34961-0340
34WAY RECEPTACLE ASSEMBLY POL B	GREY	34959-0348	34958-0341	34961-0341
34WAY RECEPTACLE ASSEMBLY POL C	DK GREY	34959-0349	34958-0342	34961-0342
38WAY RECEPTACLE ASSEMBLY POL A	BLACK	34959-0387	34958-0380	34961-0380
38WAY RECEPTACLE ASSEMBLY POL B	GREY	34959-0388	34958-0381	34961-0381
38WAY RECEPTACLE ASSEMBLY POL C	DK GREY	34959-0389	34958-0382	34961-0382



ISL EXPLODED VIEW

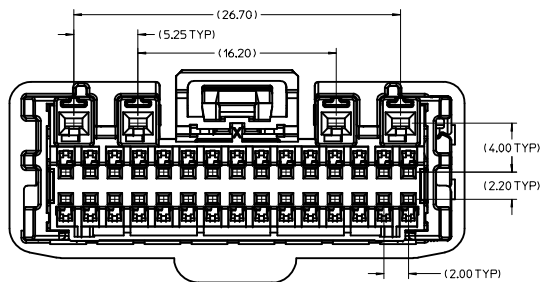
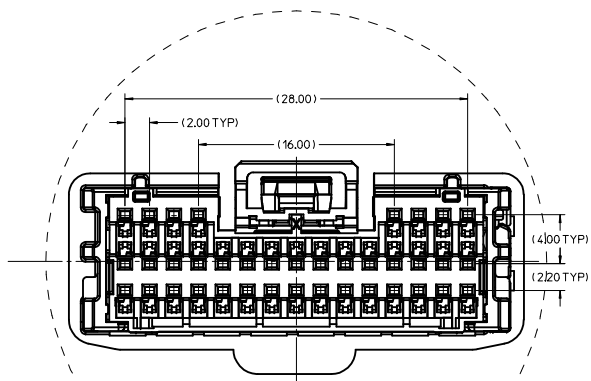
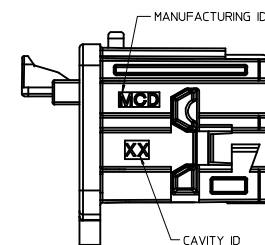
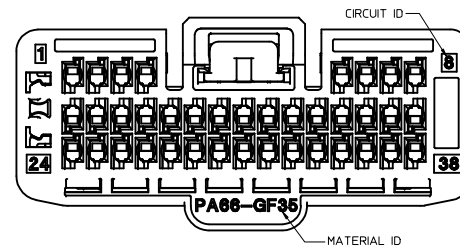
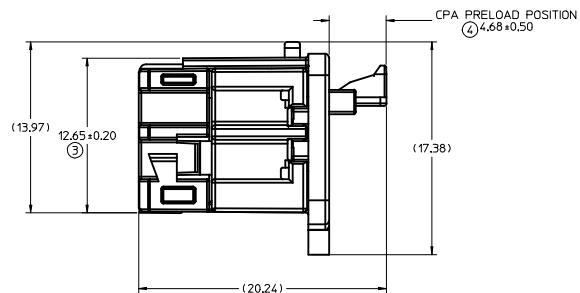
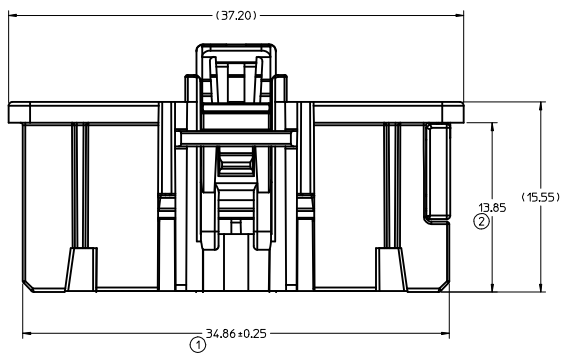
CTX50 UNSEALED RECEPTACLE TERMINALS

PART NUMBER		MATERIAL	WIRE GAGE (mm ²)	GRIP
D-WIND (LEFT PAYOFF)	B-WIND (RIGHT PAYOFF)			
560023-0448	560023-0450	COPPER ALLOY	0.35	LARGE
560023-0421	560023-0423	COPPER ALLOY	0.22	MEDIUM
560023-0422	560023-0424	COPPER ALLOY	0.13	SMALL

TYCO MCON UNSEALED RECEPTACLE TERMINALS

PART NUMBER	MATERIAL	WIRE GAGE	GRIP
7-1452659	COPPER ALLOY	1.00 mm ² or 18 AWG	LARGE
7-1452656	COPPER ALLOY	0.50 - 0.75 mm ² or 20 AWG	MEDIUM
7-1452653	COPPER ALLOY	0.35 mm ² or 22 AWG	SMALL

ENTER DESCRIPTION IEC NO. UAU2016-1668 DRAWN BY JFISCHER01 2016/05/12 CHYK: APPR:RBALMAN 2016/05/18 REV:	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 SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY DATE JFISCHER01 2012/08/17 CHECKED BY DATE APPROVED BY DATE SMARCEAU 2012/08/21	TITLE 34/38 WAY MINI50 FEMALE RECEPTACLE ASSEMBLY SALES DRAWING molex DOCUMENT NO. SD-34959-030 SHEET NO. 2 OF 3
	SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



∅40.92PASS-THRU WITH ±.1mm PER SIDE

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	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)

ENTER DESCRIPTION IEC NO. UAU2016-1668 DRAWN BY JFISCHER01 2016/05/12 CHYK: APPR:RBALMAN 2016/05/18 REV DESCRIPTION	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 DRAWN BY DATE JFISCHER01 2012/08/17 CHECKED BY DATE		SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	
	ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY DATE SMARCEAU 2012/08/21		MATERIAL NO. SEE CHART DOCUMENT NO. SD-34959-030		SHEET NO. 3 OF 3	