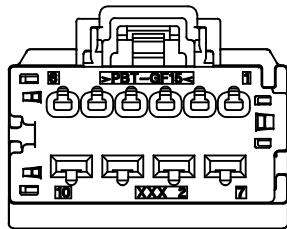
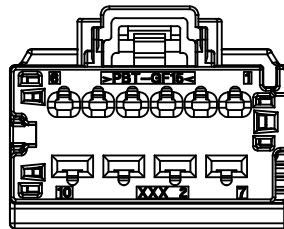


POLARIZATION OPTION A
P/N: 31372-1000



POLARIZATION OPTION B
P/N: 31372-1100



POLARIZATION OPTION C
P/N: 31372-1200

MOLEX ASSEMBLY PART NO.'S	MATING COMPONENT	
	VERTICAL HEADER	RIGHT ANGLE HEADER
31372-1000	34695-0100	34696-0100
31372-1100	34695-0101	34696-0101
31372-1200	34695-0102	34696-0102

ITEM	DESCRIPTION	COLOR	MOLEX COMPONENTS PART NO.	MATERIAL /SPECNO	RECYCLING CODE	WEIGHT	NO OF ITEMS REQUIRED		
1	FEMALE HOUSING POL A	BLACK	31372-2000	89992-1440	SPS/PA66-GF30	6.74g	1		
2	FEMALE HOUSING POL B	GRAY	31372-2100	89992-1451	SPS/PA66-GF30	6.73g		1	
3	FEMALE HOUSING POL C	BROWN	31372-2200	89992-1462	SPS/PA66-GF30	6.74g			1
4	TPA	NATURAL	31372-3000	89992-0925	PBT-GF15	1.39g	1	1	1

APPLICABLE COMPONENTS				APPLICABLE WIRE SIZE	
ITEM	DESCRIPTION	TYPE	SUPPLIER COMPONENTS PART NO.	WIRE GAGE	MAXIMUM INSULATION DIAMETER
1	MOLEX MX150 TERMINAL	Sn	33012-2001	14/16 AWG	2.70mm
2		Sn	33012-2002	18/20 AWG	2.54mm
3		Sn	33012-2003	22 AWG	1.70mm
4		Sn	33012-3001	14/16 AWG	2.70mm
5		Sn	33012-3002	18/20 AWG	2.54mm
6	TYCO 2.8 TERMINAL	Sn	33012-3003	22 AWG	1.70mm
7		Sn	1326030-4	10/12 AWG	4.04mm
8		Sn	1326030-3	14/16 AWG	2.69mm
9		Sn	1326030-2	18/20 AWG	2.06mm
10	YAZAKI 2.8 TERMINAL	Sn	1326030-1	22 AWG	1.65mm
8		Sn	7116-4112-02	14 AWG	2.69mm
9		Sn	7116-4111-02	16/18 AWG	2.34mm
9		Sn	7116-4110-02	20/22 AWG	1.85mm

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

- APPLICATION SPECIFICATION SEE: AS-31372-100
- PRODUCT SPECIFICATION SEE: PS-31372-100
- PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-931
- PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: PS-40000-5015
- DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

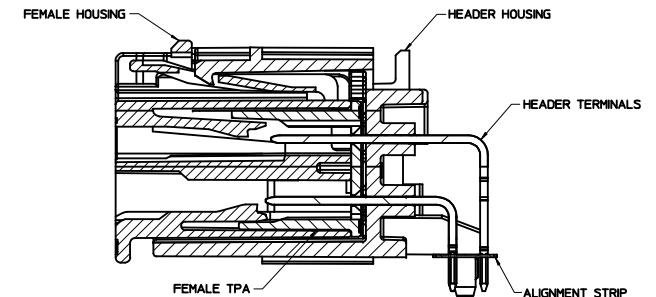
- SEE BOM TABLE

3. DESIGN - GEOMETRY:

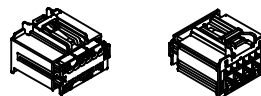
- THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
- GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
- EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- 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.
- VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

4. DESIGN - MANUFACTURING:

- TPAs MAY BECOME SEATED DURING TRANSIT, IF THIS OCCURS, REFERENCE MOLEX PRODUCT SPECIFICATION PS-34646-001

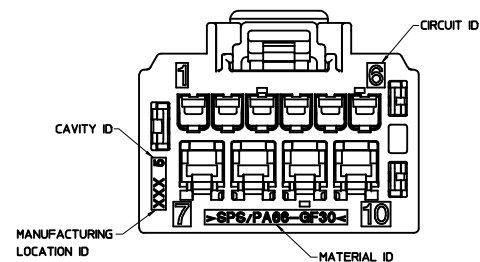
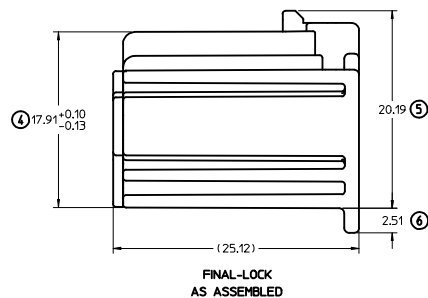
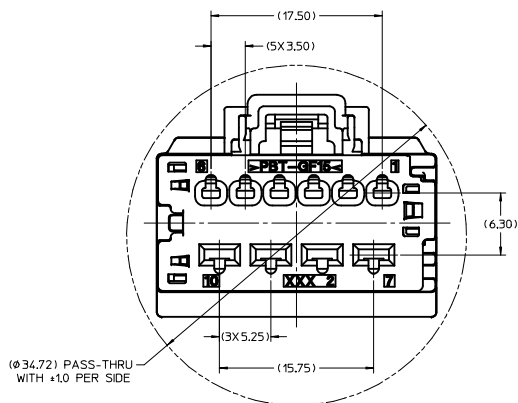
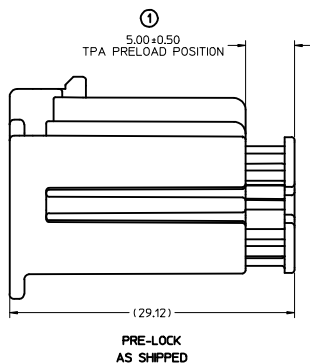
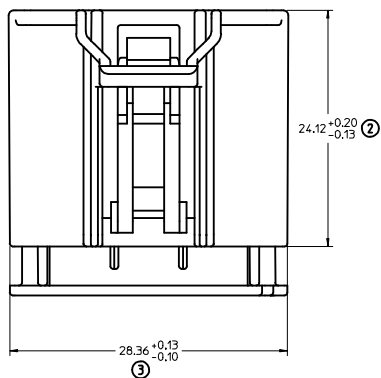


ASSEMBLY SECTION



ISOMETRIC VIEWS
SCALE 1:1
(POLARITY A SHOWN)

CAPACITY TOOLING EC NO: UAU2013-0230 DRAWN: FISCHER01 2012/08/13 CHKD: APPR: SNAZEAU 2012/08/14	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		mm INCH		DRAWN BY DATE		TITLE		
		4 PLACES ± --- ± ---		SKAROLEW 04/07/2003		10 CIRCUIT HYBRID RECEPTACLE ASSEMBLY		
		3 PLACES ± --- ± ---		CHECKED BY DATE				
		2 PLACES ± 0.13 ± ---		MDANIELS 04/07/2003		MOLEX INCORPORATED		
		1 PLACE ± 0.25 ± ---		APPROVED BY DATE				
		ANGULAR ± 1 °		BWWILSON 04/08/2003		molex		SHEET NO.
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		1 OF 2
				SEE CHART		SD-31372-900		
		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



CAPACITY TOOLING EC NO: UAU2013-0230 DRAWN: FISCHER01 2012/08/13 CHKD: CHYK APPR: SNARCEAU 2012/08/14	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				DRAWN BY DATE		TITLE			
		4 PLACES ± ± ± ±		SKAROLEW 04/07/2003		10 CIRCUIT HYBRID RECEPTACLE ASSEMBLY			
		3 PLACES ± ± ± ±		CHECKED BY DATE					
		2 PLACES ± 0.13 ± ± ± ±		MDANIELS 04/07/2003					
		1 PLACE ± 0.25 ± ± ± ±		APPROVED BY DATE					
		ANGULAR ± 1 °		BBWILSON 04/08/2003		MOLEX INCORPORATED			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
				SEE CHART		SD-31372-900		2 OF 2	
		REV	DESCRIPTION	SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			