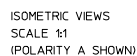


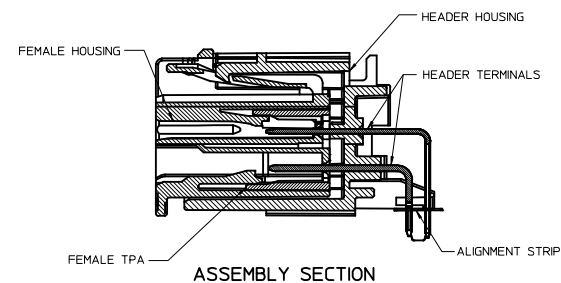
POLARIZATION OPTION "C"
P/N: 34927-0142

ITEM	DESCRIPTION	COLOR	MOLEX COMPONENTS PART NO.	RECYCLING CODE	WEIGHT	NO OF ITEMS REQUIRED		
1	FEMALE HOUSING POL A	BLACK	34927-3140	PBT-GF30	7.24g	1		
2	FEMALE HOUSING POL B	GRAY	34927-3141	PBT-GF30	7.24g		1	
3	FEMALE HOUSING POL C	BROWN	34927-3142	PBT-GF30	7.24g			1
3	TPA	NATURAL	34927-1200	PBT-GF30	1.14g	1	1	1

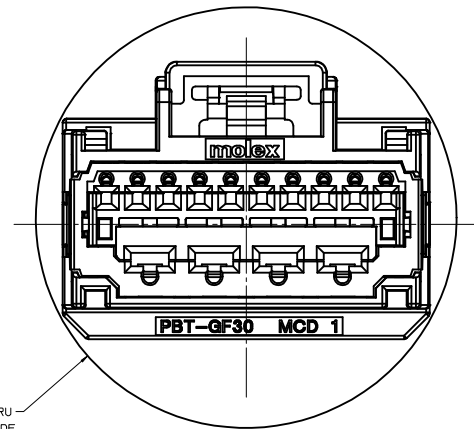
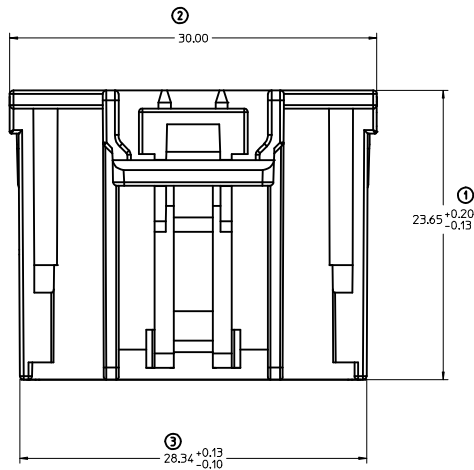
APPLICABLE COMPONENTS				APPLICABLE WIRE SIZE	
ITEM	DESCRIPTION	TYPE	SUPPLIER COMPONENTS PART NO.	WIRE GAGE	MAXIMUM INSULATION DIAMETER
1	TYCO 0.64 TERMINAL	Sn	1456574-1	20/22 AWG	1.85 mm
2			1456574-2	18 AWG	2.06 mm
3		Sn	1326030-4	10/12 AWG	4.04 mm
4		Sn	1326030-3	14/16 AWG	2.69 mm
5		Sn	1326030-2	18/20 AWG	2.06 mm
6	TYCO 2.8 TERMINAL	Sn	1326030-1	22 AWG	1.65 mm
7		Sn	7116-4112-02	14 AWG	2.69mm
8		Sn	7116-4111-02	16/18 AWG	2.34mm
9		Sn	7116-4110-02	20/22 AWG	1.85mm
10					



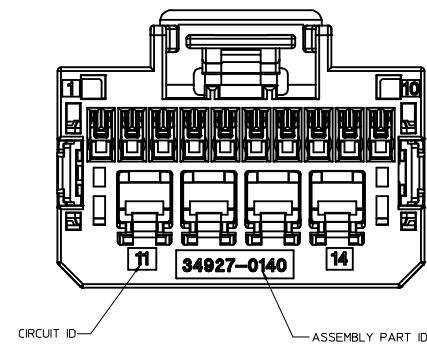
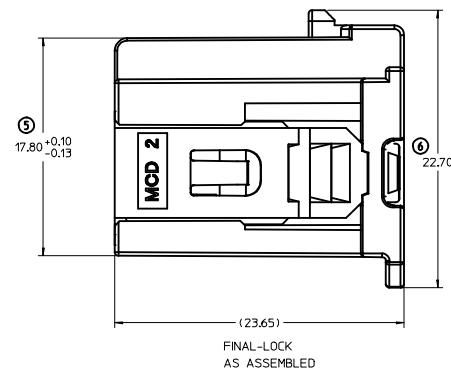
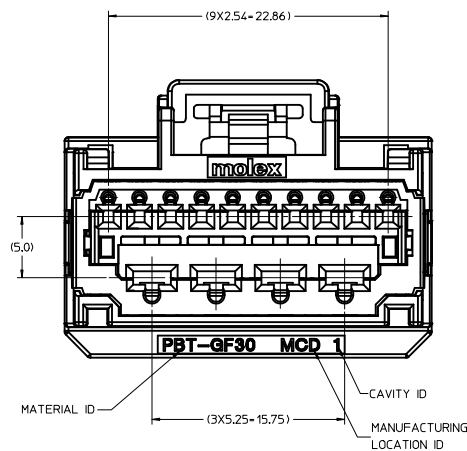
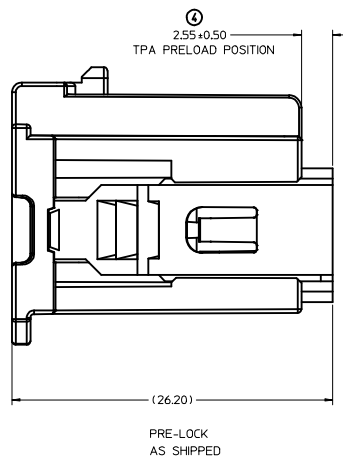
a. TPAs MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, REFERENCE MOLEX PRODUCT SPECIFICATION PS-34646-001



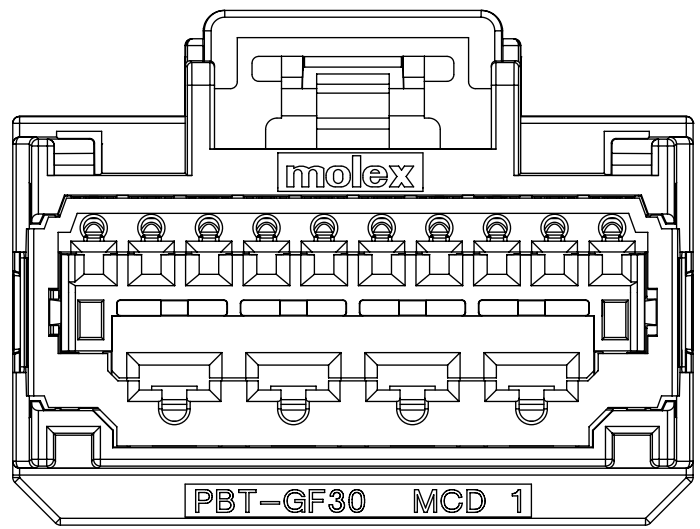
INITIAL RELEASE EC NO: UAU2016-1509 DDMW.F F SCHER01 CHKD: APPR:BAUWAL 2016/04/13 2016/04/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	▽=0	mm	INCH	DRAWN BY LSONG05	DATE 2012/02/20	TITLE 14 CKT HYBRID GEN Y RECEPTACLE		
	▽=0	4 PLACES ± .010 3 PLACES ± .012 2 PLACES ± .013 1 PLACE ± .025	± .005 ± .006 ± .007 ± .015	CHECKED BY T I TAN	DATE 2012/02/16			
		ANGULAR AR ± 3°		APPROVED BY SMARCEAU	DATE 2012/03/12	MOLEX INCORPORATED		
		DRAFT WHEN APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-34927-010		SHEET NO. 1 OF 2
A4	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



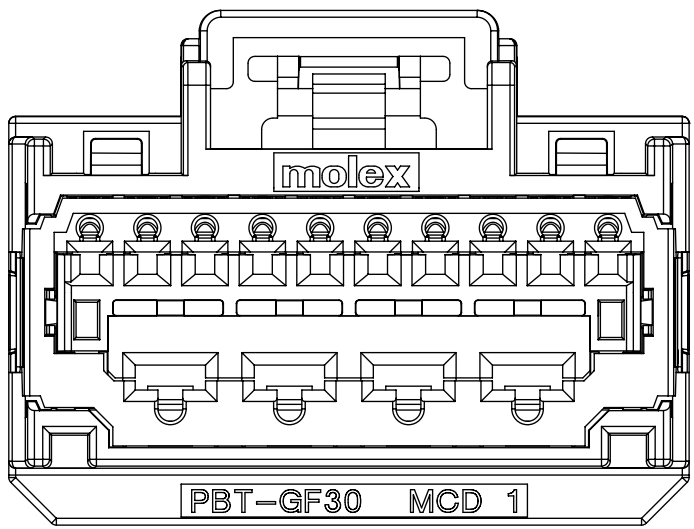
($\varnothing 35.38$) PASS-THRU
WITH +1.0 PER SIDE



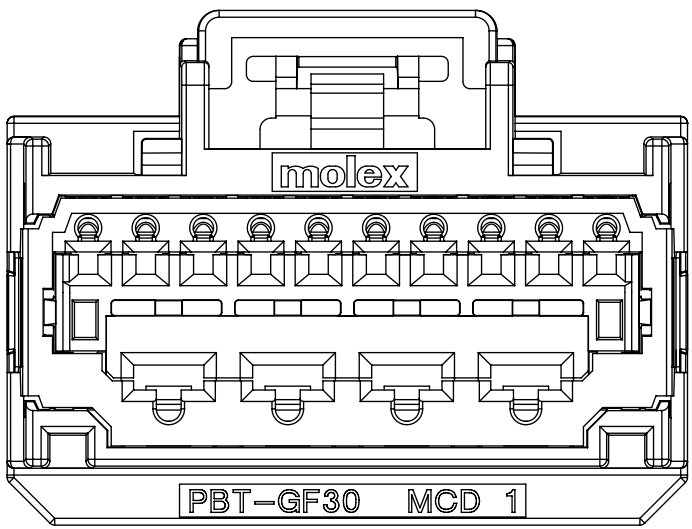
SEE SHEET 1 EC NO: UAU2016-1509 DRAWN/FISHER01 2016/04/13 CHKD: APPR:RBALMAN 2016/04/14 REV	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
			mm	INCH	DRAWN BY LSONG05	DATE 2012/02/20	14 CKT HYBRID GEN Y RECEPTACLE	
		4 PLACES	±	---	CHECKED BY ---	DATE ---		
		3 PLACES	±	---	TITAN	2012/02/16		
		2 PLACES	±	0.13	APPROVED BY SMARCEAU	DATE 2012/03/12		
	1 PLACE	±	0.25			 MOLEX INCORPORATED		
A4	REV	ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO. 2 OF 2
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET 1		SD-34927-010		
				SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



POLARIZATION OPTION "A"
P/N: 34969-0140



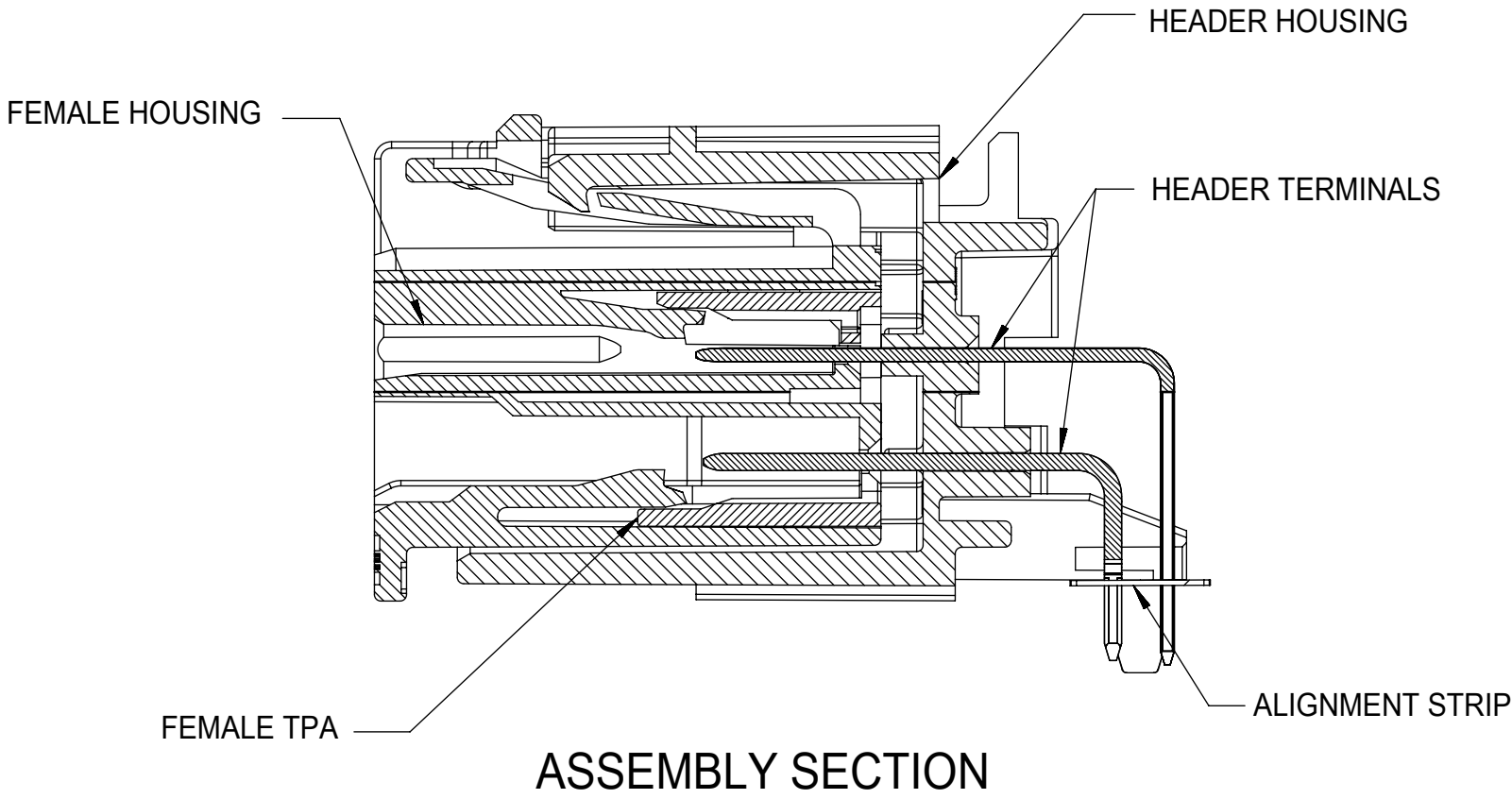
POLARIZATION OPTION "B"
P/N: 34969-0141



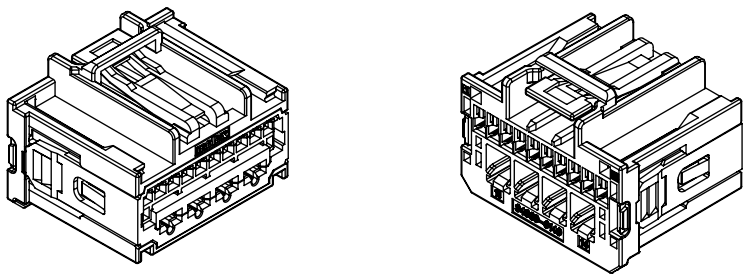
POLARIZATION OPTION "C"
P/N: 34969-0142

I T E M	DESCRIPTION	COLOR	MOLEX COMPONENTS PART NO.	RECYCLING CODE	WEIGHT	NO OF ITEMS REQUIRED		
1	FEMALE HOUSING POL A	BLACK	34969-3140	PBT-GF30	7.24g	1		
2	FEMALE HOUSING POL B	GRAY	34969-3141	PBT-GF30	7.24g		1	
3	FEMALE HOUSING POL C	BROWN	34969-3142	PBT-GF30	7.24g			1
3	TPA	NATURAL	34927-1200	PBT-GF30	1.14g	1	1	1

APPLICABLE COMPONENTS				APPLICABLE WIRE SIZE		PAYOFF
I T E M	DESCRIPTION	TYPE	SUPPLIER COMPONENTS PART NO.	WIRE GAGE	MAXIMUM INSULATION DIAMETER	DIRECTION
1	MOLEX CTX64 TERMINAL	Sn	34803-3212	20 AWG	1.90 mm	LEFT
2		Sn	34803-3211	22 AWG	1.65 mm	LEFT
3		Sn	34803-3214	20 AWG	1.90 mm	RIGHT
4		Sn	34803-3213	22 AWG	1.65 mm	RIGHT
5	TYCO 2.8 TERMINAL	Sn	1326030-4	10/12 AWG	4.04 mm	\
6		Sn	1326030-3	14/16 AWG	2.69 mm	\
7		Sn	1326030-2	18/20 AWG	2.06 mm	\
8		Sn	1326030-1	22 AWG	1.65 mm	\
9	TYCO 2.8 TERMINAL	Sn	7116-4112-02	14 AWG	2.69 mm	\
10		Sn	7116-4111-02	16/18 AWG	2.34 mm	\
11		Sn	7116-4110-02	20/22 AWG	1.85 mm	\



ASSEMBLY SECTION



ISOMETRIC VIEWS
SCALE 1:1
(POLARITY A SHOWN)

INSPECTION BALLOON NUMBER LOG	
PER DRAWING REVISION: A2	
LAST BALLOON NUMBER USED: 6	
ADDED BALLOON NUMBERS:	
REMOVED BALLOON NUMBERS:	

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV DESCRIPTION A2			molex 14 CKT HYBRID CTX 0.64 AND GENY 2.80 RECEPTACLE								
	mm		3:1													
	GENERAL TOLERANCES (UNLESS SPECIFIED)					EC NO: 630844 DRWN: YPENG47 2019/08/26 CHK'D: CZHANG118 2020/01/09 APPR: CDZHANG 2020/02/27										
	ANGULAR TOL ± 3.0°															
	4 PLACES		±													
	3 PLACES		±													
	2 PLACES		± 0.13		INITIAL REVISION: DRWN: CYMA 2012/10/30 APPR: RBAUMAN 2013/01/04											
	1 PLACE		± 0.25													
	0 PLACES		±													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							D-SIZE		34969				GENERAL MARKET		1 OF 2	

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-34729-010

b. PRODUCT SPECIFICATION SEE: PS-34969-100

c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-211

d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: PS-40000-5015

e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

a. SEE BOM TABLE

3. DESIGN - GEOMETRY:

a. 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.

b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715

d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

e. 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.

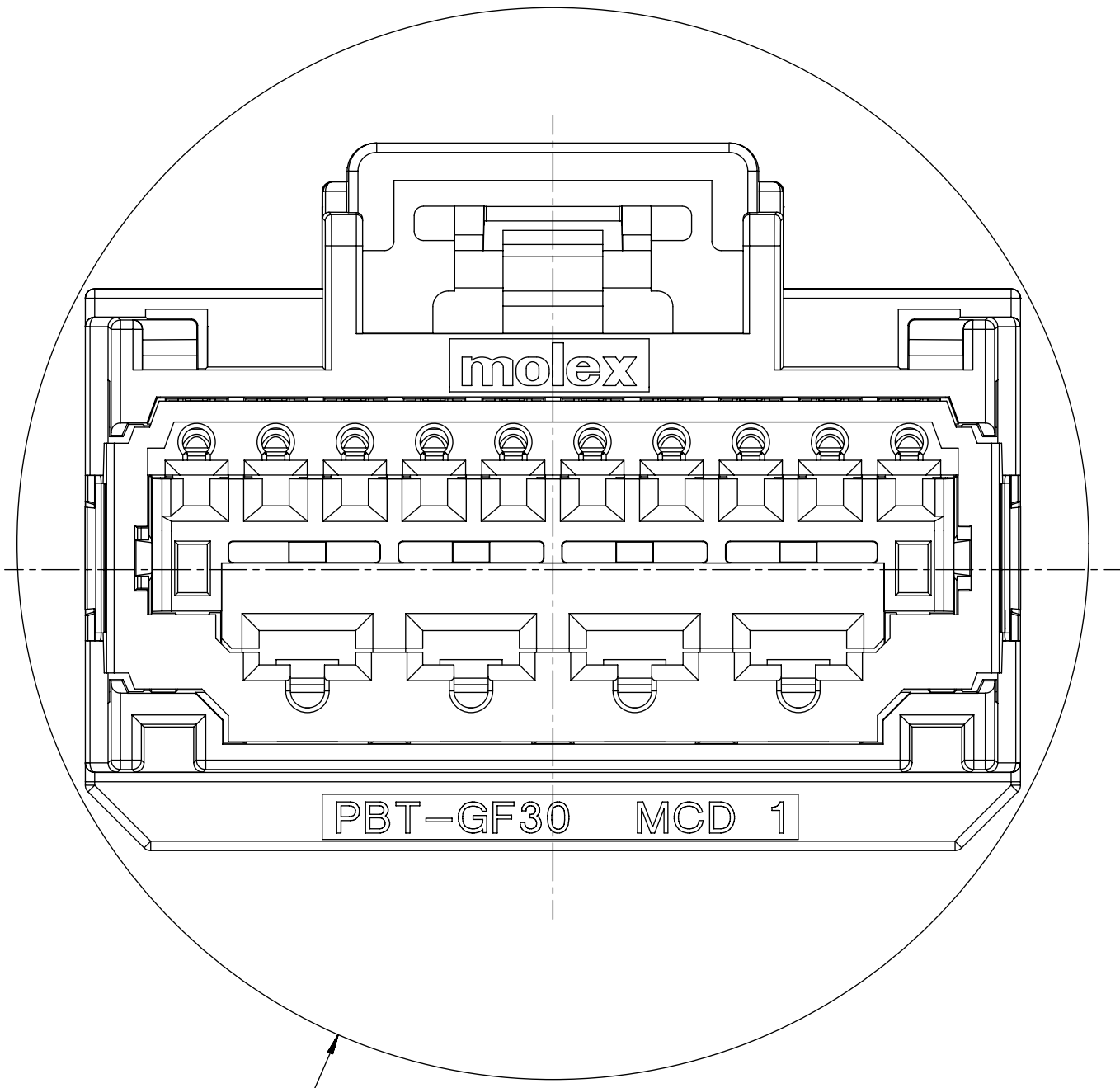
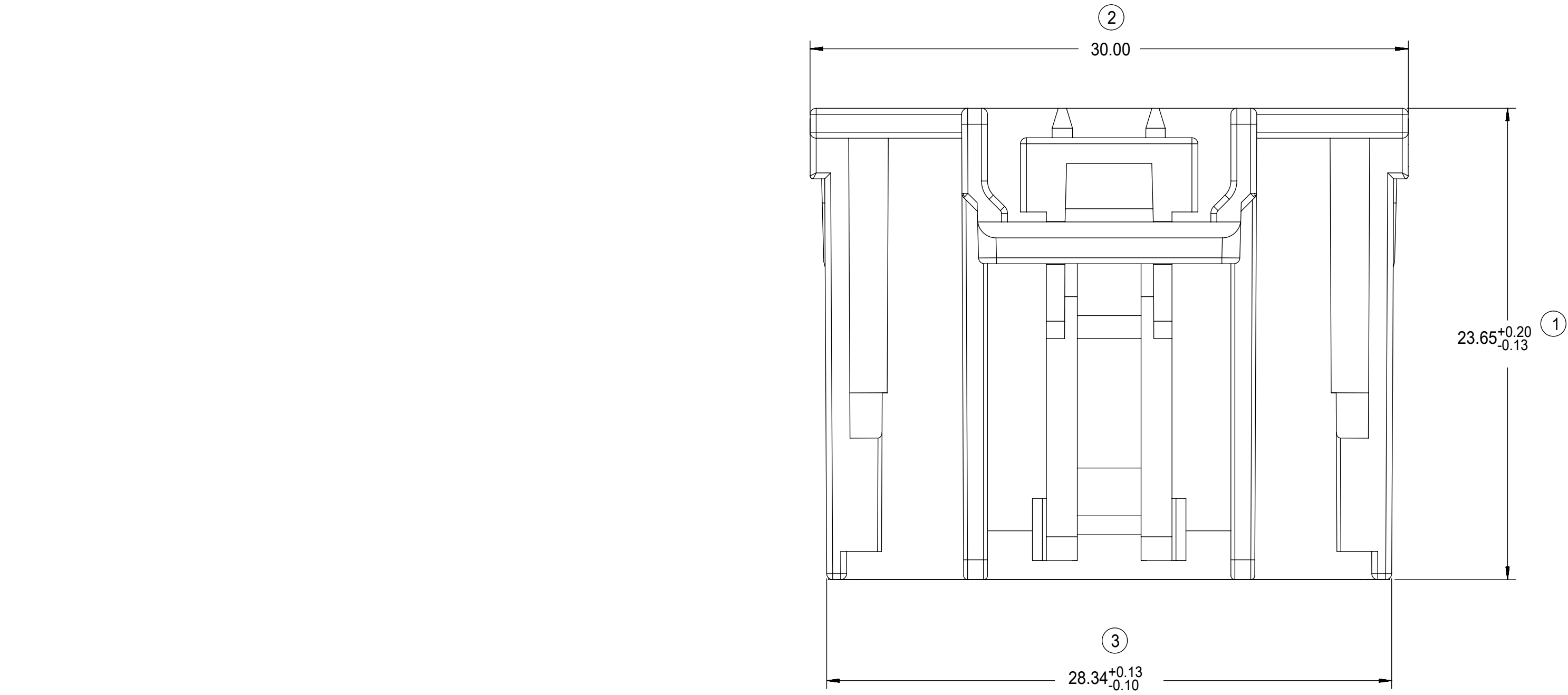
f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

4. DESIGN - MANUFACTURING:

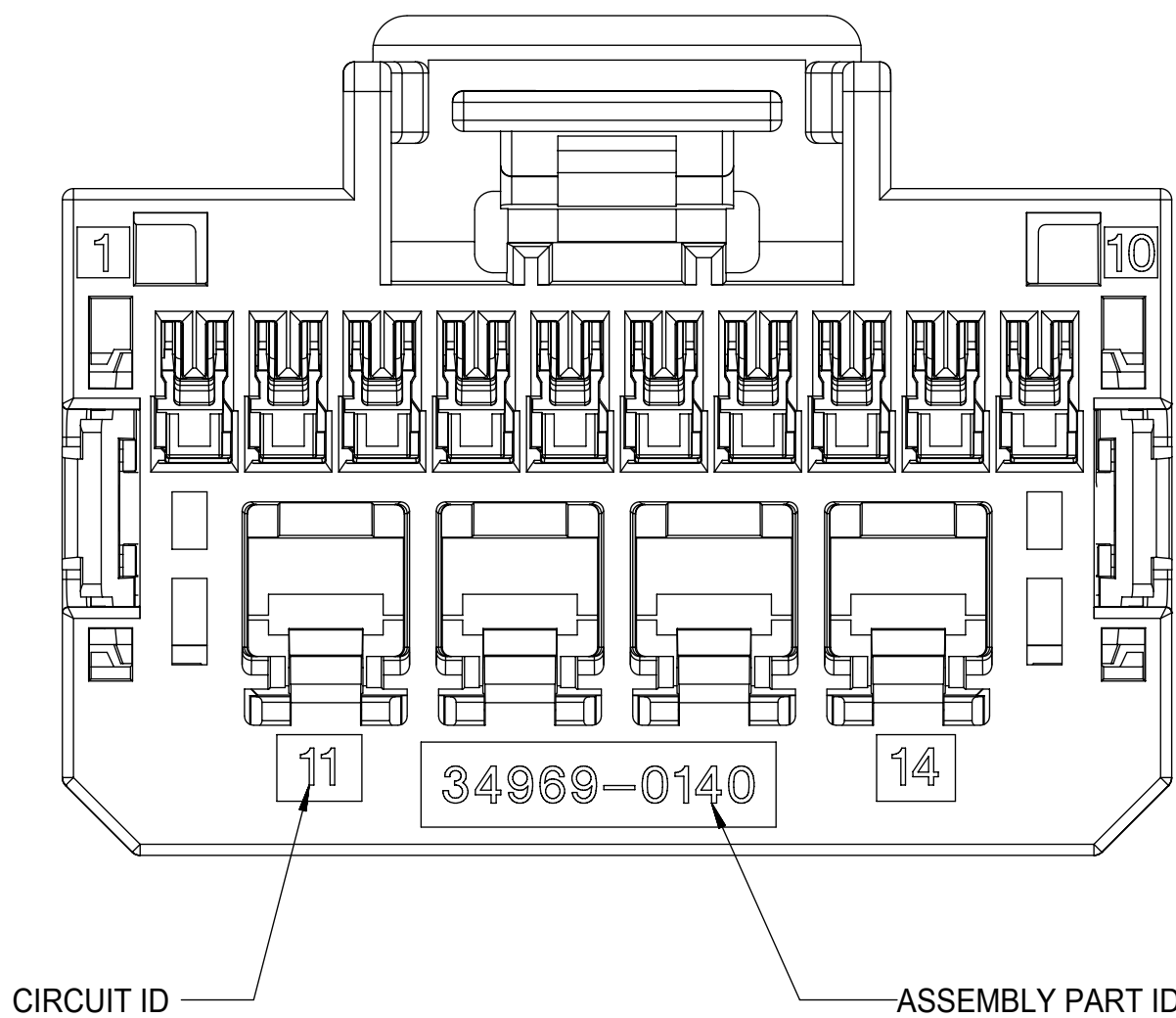
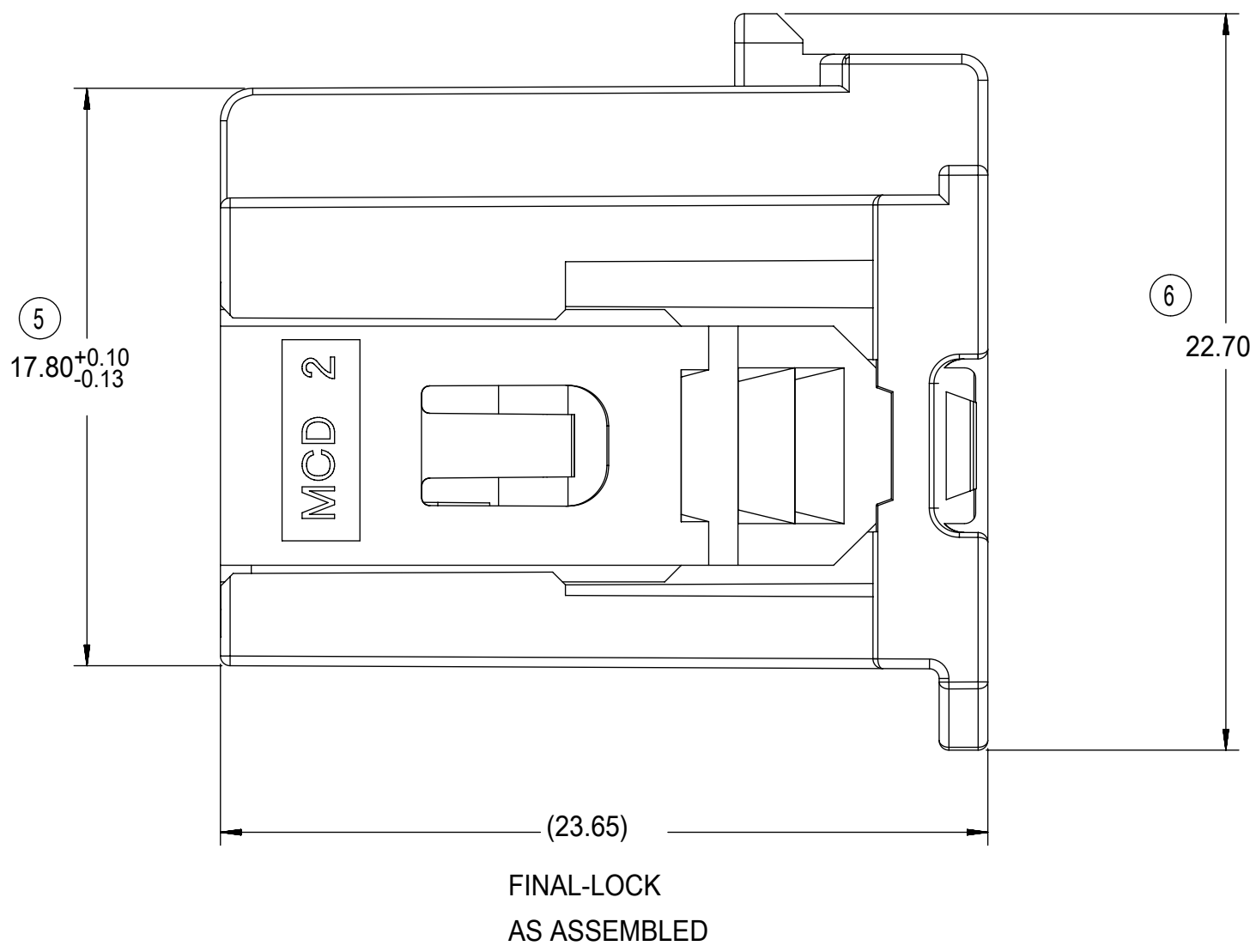
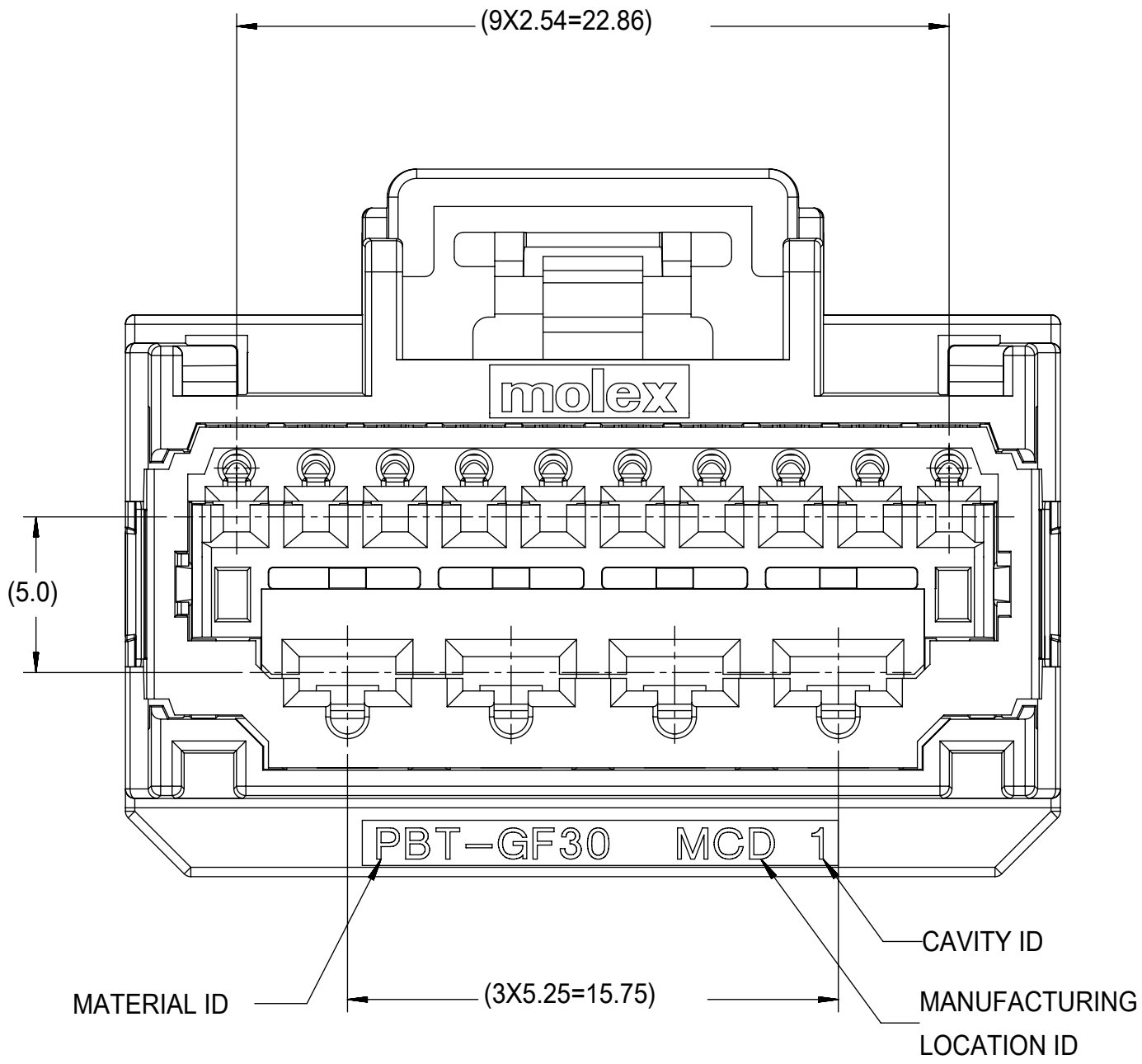
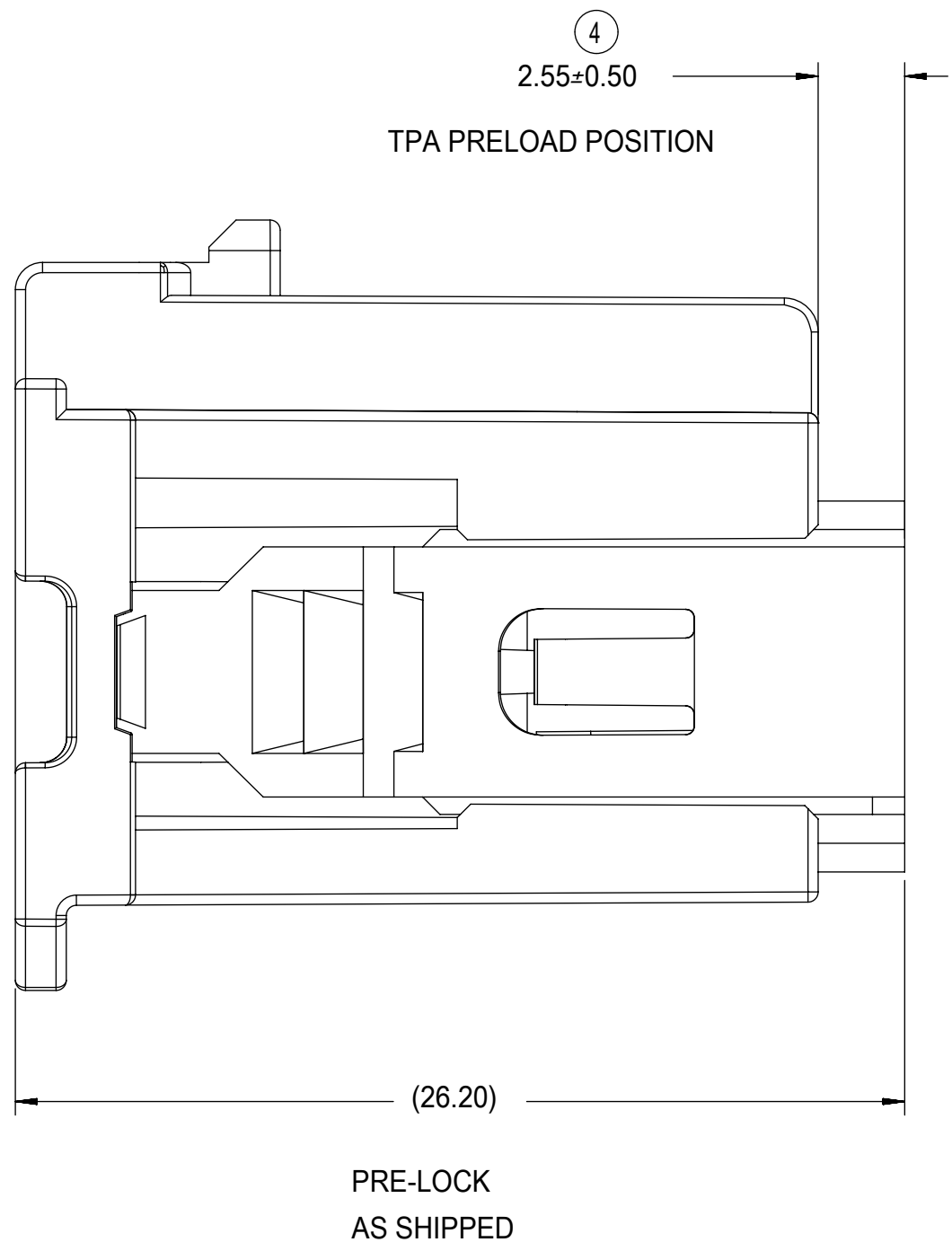
a. TPAs MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, REFERENCE MOLEX PRODUCT SPECIFICATION PS-34646-001

A2	CORRECTED CTX64 TERMINAL PNs : 34803-3212 WAS 34803-0212 34803-3211 WAS 34803-0211 34803-3214 WAS 34803-0214 34803-3213 WAS 34803-0213
	17-Feb-2020 YPENG47
REV.	REV DESCRIPTION

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/27	07:23:30
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(Ø35.38)PASS-THRU
WITH ±1.0 PER SIDE



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
	= 0	DIMENSION UNITS		SCALE		CURRENT REV DESC: SEE REV DESCRIPTION A2				molex							
		mm		5:1													
	= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 630844 DRWN: YPENG47 2019/08/26 CHK'D: CZHANG118 2020/01/09 APPR: CDZHANG 2020/02/27											
	= 0																
	= 0	ANGULAR TOL ± 3.0°															
	= 0	4 PLACES		±		INITIAL REVISION: DRWN: CYMA 2012/10/30 APPR: RBAUMAN 2013/01/04				PRODUCT CUSTOMER DRAWING							
	= 0	3 PLACES		±													
	= 0	2 PLACES		± 0.13													
	= 0	1 PLACE		± 0.25		DOCUMENT NUMBER SD-34969-010				DOC TYPE PSD							
	= 0	0 PLACES		±										DOC PART 001			
	= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING D-SIZE		SERIES 34969		MATERIAL NUMBER					
	= 0																

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

[34927-0140](#) [34927-0142](#) [34927-0141](#)