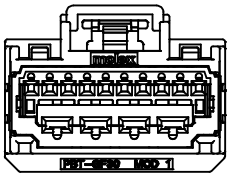
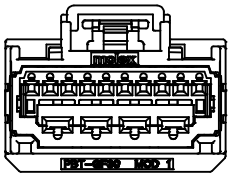


POLARIZATION OPTION "A"
P/N: 34927-0140



POLARIZATION OPTION "B"
P/N: 34927-0141



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

MOLEX ASSEMBLY PART NO.'S	MATING COMPONENT	
	VERTICAL HEADER	RIGHT ANGLE HEADER
34927-0140	34772-0140	34773-0140
34927-0141	34772-0141	34773-0141
34927-0142	34772-0142	34773-0142

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		Sn	1456574-2	18 AWG	2.06 mm
3	TYCO 2.8 TERMINAL	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		Sn	1326030-1	22 AWG	1.65 mm
7	YAZAKI 2.8 TERMINAL	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

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

a. APPLICATION SPECIFICATION SEE: AS-34729-020

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

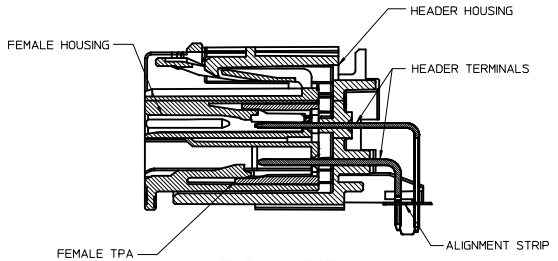
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

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



ASSEMBLY SECTION



ISOMETRIC VIEWS
SCALE 1:1
(POLARITY A SHOWN)

INITIAL RELEASE
EC NO: UAU2016-1509
DRWN: JFISCHER01 2016/04/13
CHKD:
APPR: RBAUMAN 2016/04/14
DESCRIPTION
REV

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.13	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 3:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

		DATE
DRAWN BY	LSONG05	2012/02/20
CHECKED BY	TITAN	2012/02/16
APPROVED BY	SMARCEAU	2012/03/12

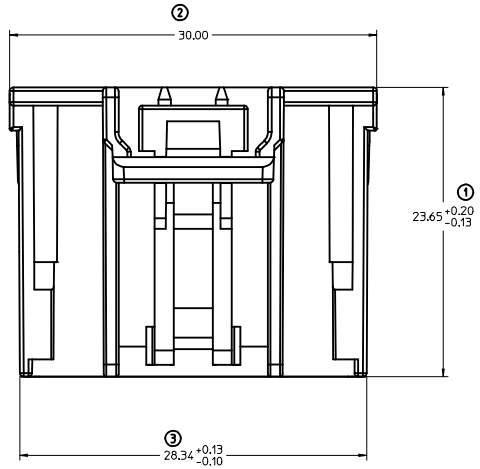
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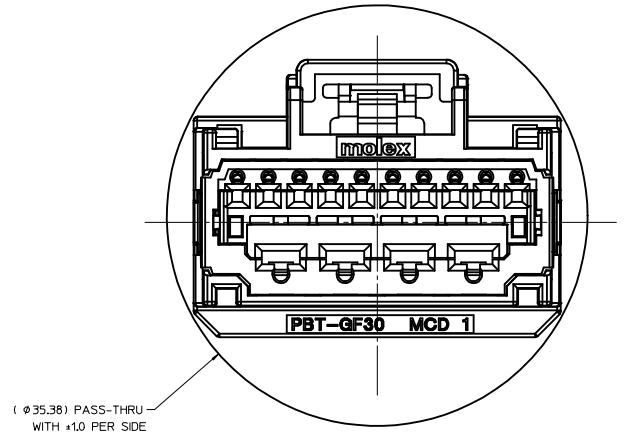
MOLEX INCORPORATED

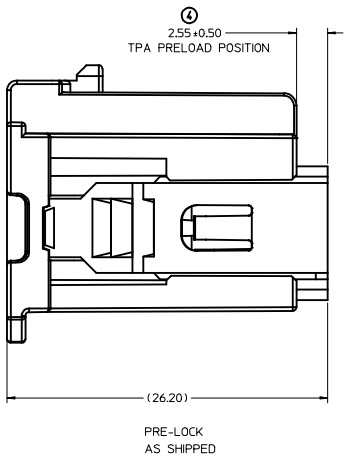
MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-34927-010
SHEET NO.: 1 OF 2

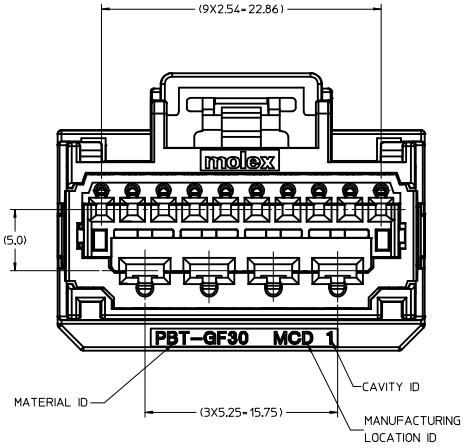
SIZE: A4

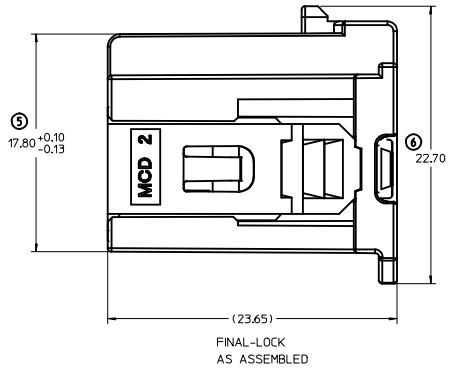
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

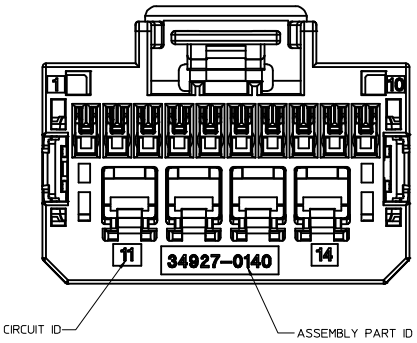




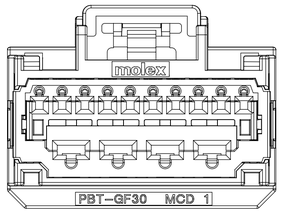




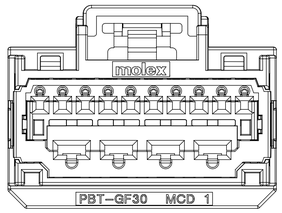




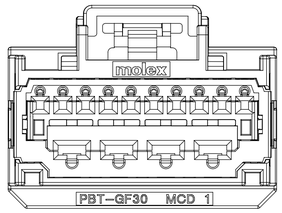
SEE SHEET 1 EC NO: UAU2016-1509 2016/04/13 DRWN:JFISCHER01 2016/04/14 CHKD: APPR:RBAUMAN	QUALITY SYMBOLS =0 =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm / INCH 4 PLACES ± --- / ± --- 3 PLACES ± --- / ± --- 2 PLACES ± 0.13 / ± --- 1 PLACE ± 0.25 / ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY / DATE LSONG05 2012/02/20 CHECKED BY / DATE TITAN 2012/02/16 APPROVED BY / DATE SMARCEAU 2012/03/12 MATERIAL NO. SEE SHEET 1	SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION TITLE 14 CKT HYBRID GEN Y RECEPTACLE MOLEX INCORPORATED DOCUMENT NO. SD-34927-010 SHEET NO. 2 OF 2
DESCRIPTION REV A4			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

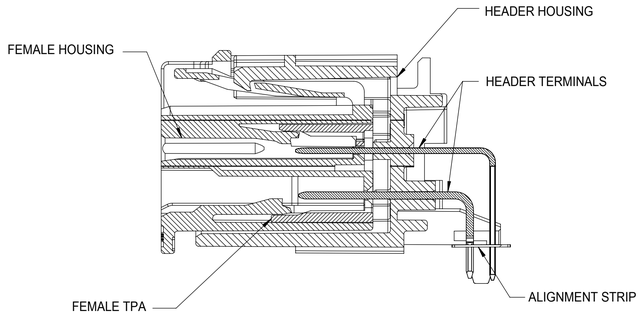


POLARIZATION OPTION "C"
P/N: 34969-0142

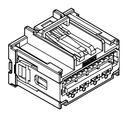
MOLEX ASSEMBLY PART NO.'S	MATING COMPONENT	
	VERTICAL HEADER	RIGHT ANGLE HEADER
34969-0140	34772-0140	34773-0140
34969-0141	34772-0141	34773-0141
34969-0142	34772-0142	34773-0142

ITEM	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
ITEM	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)

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

REV.	REV DESCRIPTION
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

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

SYMBOLS
E = 0
F = 0
G = 0
S = 0
= 0
C = 0
= 0
= 0
V = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm
SCALE: 3:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 3.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: SEE REV DESCRIPTION A2

EC NO: 630844
DRWN: YPENG47 2019/08/26
CHK'D: CZHANG118 2020/01/09
APPR: CDZHANG 2020/02/27

INITIAL REVISION:
DRWN: CYMA 2012/10/30
APPR: RBAUMAN 2013/01/04

THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 34969

molex

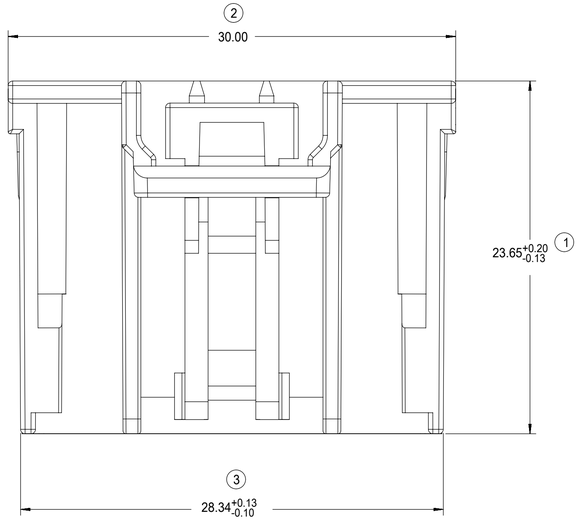
14 CKT HYBRID
CTX 0.64 AND GENY 2.80 RECEPTACLE

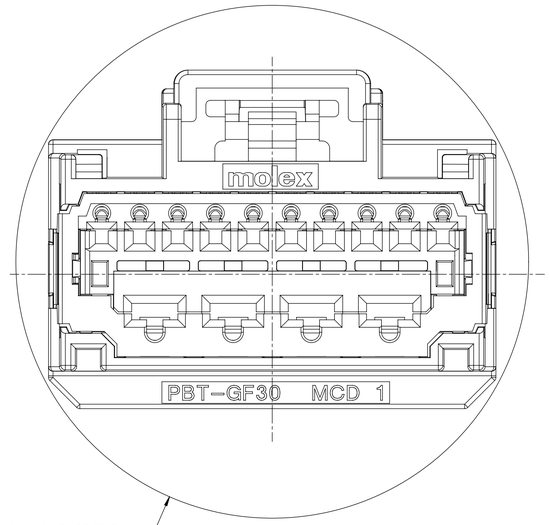
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34969-010	PSD	001	A2

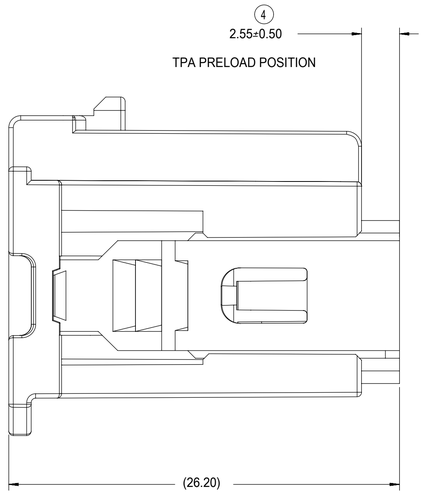
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/27 07:23:30

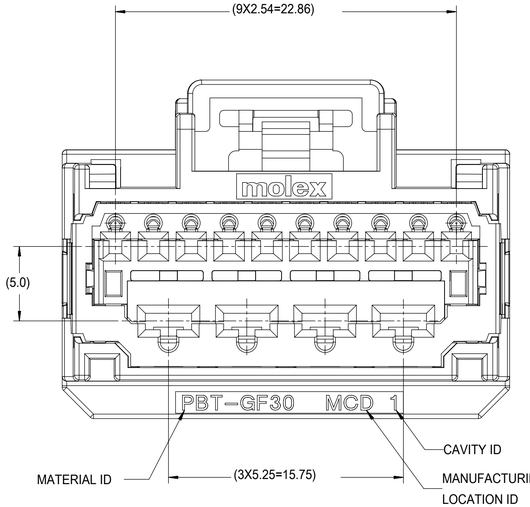


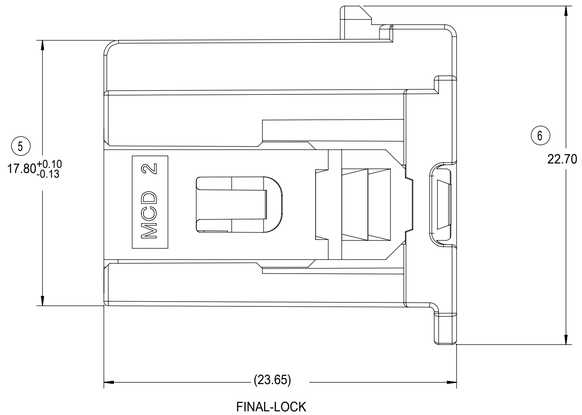


(Ø35.38)PASS-THRU
WITH ±1.0 PER SIDE

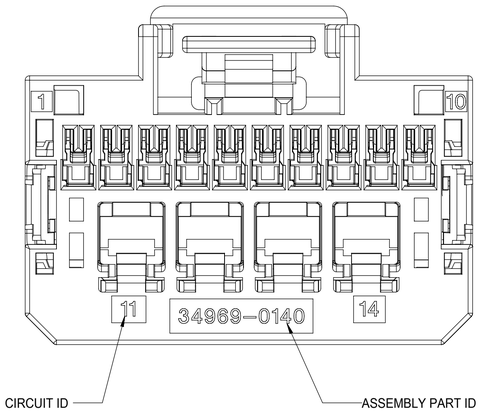


PRE-LOCK
AS SHIPPED





FINAL-LOCK
AS ASSEMBLED



CIRCUIT ID
ASSEMBLY PART ID

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
= 0	DIMENSION UNITS: mm	SCALE: 5:1	CURRENT REV DESC: SEE REV DESCRIPTION A2	molex
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)			14 CKT HYBRID CTX 0.64 AND GENY 2.80 RECEPTACLE
= 0	ANGULAR TOL ± 3.0 °		EC NO: 630844	
= 0	4 PLACES ±		DRWN: YPENG47 2019/08/26	PRODUCT CUSTOMER DRAWING
= 0	3 PLACES ±		CHK'D: CZHANG118 2020/01/09	DOCUMENT NUMBER: SD-34969-010 | DOC TYPE: PSD | DOC PART: 001 | REVISION: A2
= 0	2 PLACES ± 0.13		APPR: CDZHANG 2020/02/27	
= 0	1 PLACE ± 0.25		INITIAL REVISION:	
= 0	0 PLACES ±		DRWN: CYMA 2012/10/30	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPR: RBAUMAN 2013/01/04	
= 0	THIRD ANGLE PROJECTION	DRAWING: D-SIZE	SERIES: 34969	MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/27 07:23:30