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Molex Connector Corporation
0349270140

For any questions, you can email us directly:
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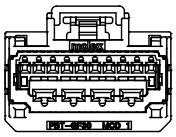
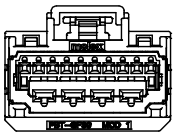
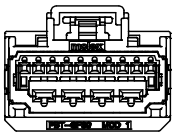


POLARIZATION OPTION "A"
P/N: 34927-0140



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

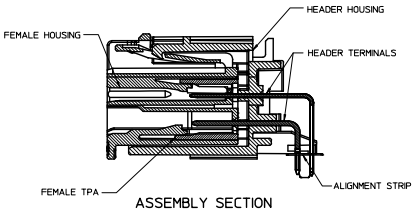
d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

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: F.FISCHER01 2016/04/13
CHKD:
APPR: R.RAUMAN 2016/04/14
REV DESCRIPTION

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

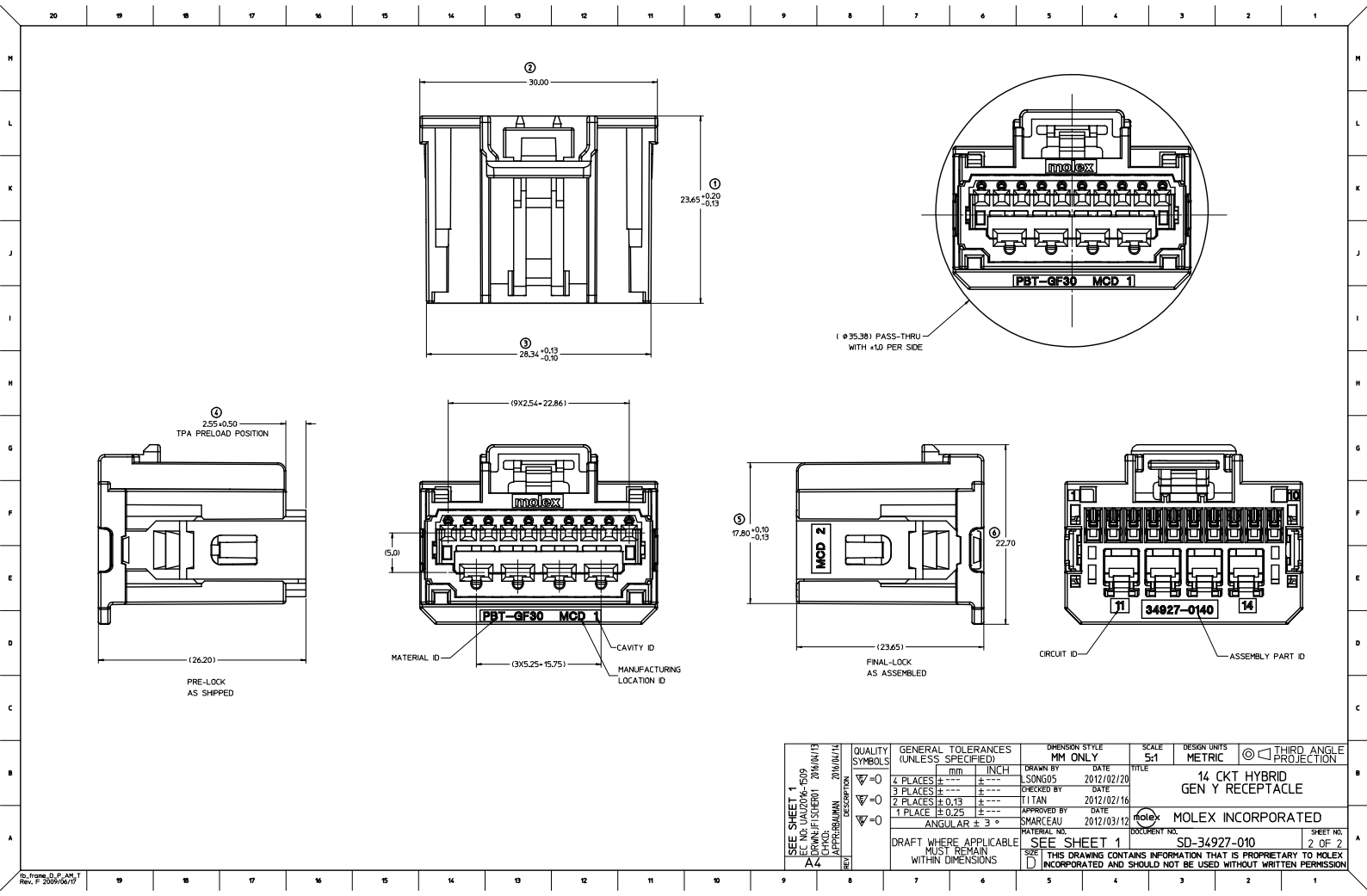
		DATE
DRAWN BY	LSONG05	2012/02/20
CHECKED BY	TITAN	2012/02/16
APPROVED BY	SMARCEAU	2012/03/12

TITLE: 14 CKT HYBRID GEN Y RECEPTACLE

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-34927-010
SHEET NO.: 1 OF 2
SIZE: D
A4

tb_frame_D_P_AM_T
Rev. F 2009/06/17



SEE SHEET 1
EC No: UAU2016-1509
DRWN: JFISCHER01 2016/04/13
CHKD:
APPR: BRAUMAN 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

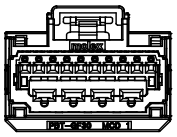
DIMENSION STYLE: MM ONLY
SCALE: 5:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

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

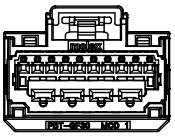
MATERIAL NO.: SEE SHEET 1
SIZE: D
A4

TITLE: 14 CKT HYBRID GEN Y RECEPTACLE
molex MOLEX INCORPORATED
DOCUMENT NO.: SD-34927-010
SHEET NO.: 2 OF 2

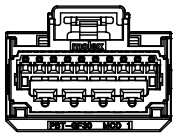
tb_frame_D_P_AM_T
Rev. F 2009/06/17



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	34803-0212	20 AWG	1.90 mm	LEFT
2		Sn	34803-0211	22 AWG	1.65 mm	LEFT
3		Sn	34803-0214	20 AWG	1.90 mm	RIGHT
4		Sn	34803-0213	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	\

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:

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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:

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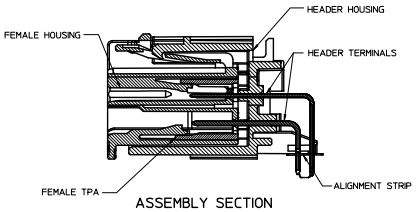

ASSEMBLY SECTION

INITIAL RELEASE
EC NO: UAU2016-1509 2016/04/11
DRWN: FISCHER01 2016/04/14
CHKD:
APPR: RBAUMAN
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	RBAUMAN	2013/01/04
MATERIAL NO.	SEE TABLE	

TITLE: 14 CKT HYBRID CTX 0.64 AND GENY 2.80 RECEPTACLE
MOLEX INCORPORATED
DOCUMENT NO. SD-34969-010
SHEET NO. 1 OF 2
SIZE D

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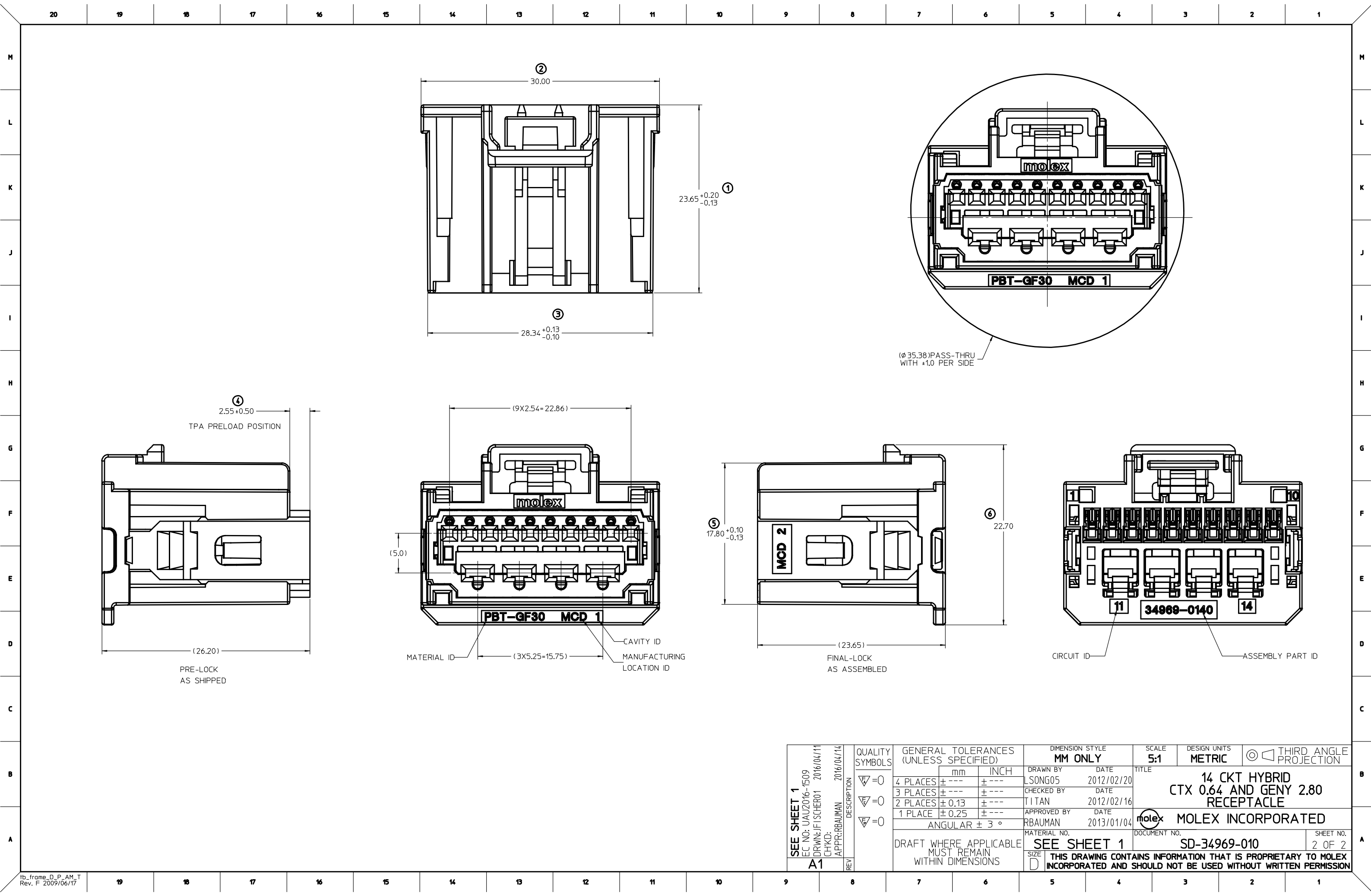
Rev. F 2009/06/17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23.65 +0.20 -0.13
28.34 +0.13 -0.10
(Ø 35.38)PASS-THRU
WITH +1.0 PER SIDE
molex
PBT-GF30 MCD 1
2.55±0.50
TPA PRELOAD POSITION
(9X2.54=22.86)
(5.0)
17.80 +0.10 -0.13
22.70
MCD 2
(26.20)
PRE-LOCK
AS SHIPPED
MATERIAL ID
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MANUFACTURING
LOCATION ID
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FINAL-LOCK
AS ASSEMBLED
CIRCUIT ID
ASSEMBLY PART ID
34969-0140
SEE SHEET 1
EC NO: UAU2016-1509
DRWN:JFISCHER01 2016/04/11
CH'KD:
APPR:RBAUMAN 2016/04/14
DESCRIPTION
A1
REV
QUALITY SYMBOLS
=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 LSONG05 DATE 2012/02/20
CHECKED BY TITAN DATE 2012/02/16
APPROVED BY RBAUMAN DATE 2013/01/04
MATERIAL NO.
SEE SHEET 1
SIZE D
SCALE 5:1
DESIGN UNITS METRIC
THIRD ANGLE PROJECTION
TITLE
14 CKT HYBRID
CTX 0.64 AND GENY 2.80
RECEPTACLE
MOLEX INCORPORATED
DOCUMENT NO.
SD-34969-010
SHEET NO.
2 OF 2
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