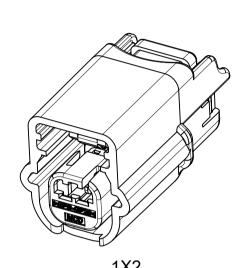
TABLE OF CONTENTS							
SHEET NO. SHEET DESCRIPTION							
1 NOTES AND BOM							
2	CONNECTOR ASSEMBLY						
3	KEY CONFIGURATIONS AND BOM						



1X3

18

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:

15

a. APPLICATION SPECIFICATION SEE: 2035110001-RAS

-DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED

IN THE MATING INTERFACE DRAWINGS CHART.

\*DENOTES DRAWINGS THAT CAN BE ACCESSED AT <a href="http://ewcap.uscarteams.org/">http://ewcap.uscarteams.org/</a>.

-ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION

(SEE TPA PRE-LOCK VIEW ON SHEET 2 SECTION A-A).

b. PRODUCT SPECIFICATION SEE: 2035110001-RPS

c. PACKAGING SPECIFICATION PER MOLEX DRAWING:2035119000

d. TPA'S MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, TPA'S SHOULD

INSTALLATION. REFERENCE PRODUCT SPECIFICATION: 2035110001-RAS

f. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS

(COMPANY ID#13255)

- ISO 0.35MM^2 TO 0.75MM^2 PER GMW15626 AND ES-AU5T-1A348-AA

TERMINAL FOR THIS ASSEMBLY: SEE TERMINAL TABLE

FOR MORE INFORMATION ON TERMINAL SEE MOLEX DRAWING SD-33468-001,SD-33468-002

AND TERMINAL PRODUCT SPECIFICATION PS-33468-001

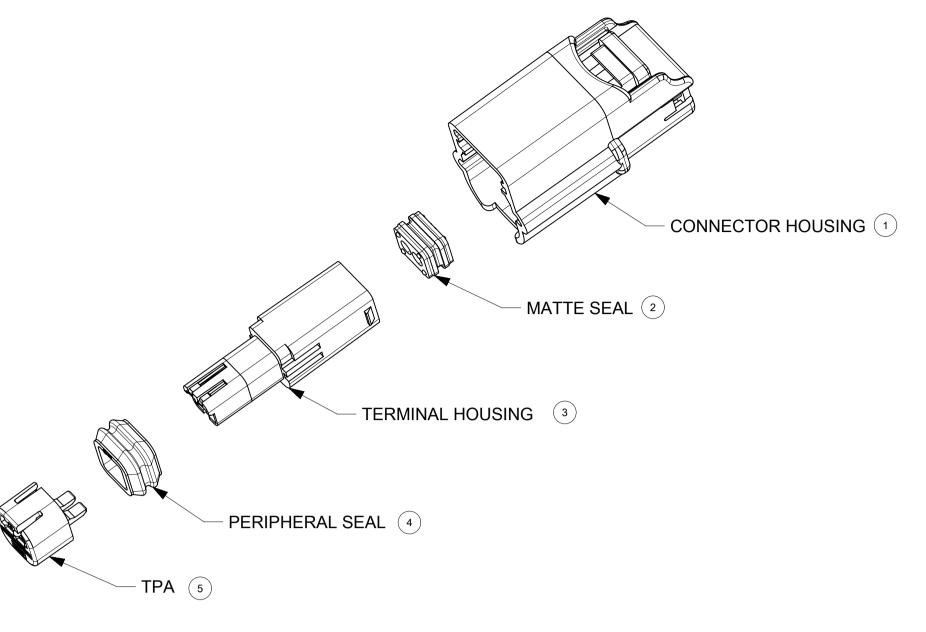
- 2. DESIGN GEOMETRY:
- WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN
- ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD.

THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION,

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

g. DATE CODE: FIRST TWO DIGITS ARE THE CALENDAR YEAR (EXAMPLE: 04 = 2004). THIRD

MATING	INTERFACE DRAWING	
DESCRIPTION	INTERFACE DEFINITION	
1X2	*064-S-002-1-Z02	
1X3	*064-S-003-1-Z01	



ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	BLACK	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER

TERMINAL TABLE											
TERMINAL P/N	REEL PAYOFF DIRECTION	PLATING TYPE	GRIP SIZE	WIRE SIZE	WIRE INSULATION OD(mm)						
33468-0001	В	SN	SMALL	22AWG	1.50-1.65						
33468-0002	D	SN	SMALL	22AWG	1.50-1.65						
33468-0003	В	SN	LARGE	18/20AWG	1.70-2.06						
33468-0004	D	SN	LARGE	18/20AWG	1.70-2.06						
33468-0021	D	SN	SMALL	0.35mm <sup>2</sup>	1.20-1.65						
33468-0022	В	SN	SMALL	0.35mm <sup>2</sup>	1.20-1.65						
33468-0023	D	SN	LARGE	0.50-0.75mm <sup>2</sup>	1.40-2.06						
33468-0024	В	SN	LARGE	0.50-0.75mm <sup>2</sup>	1.40-2.06						

UPDATE NOTE INFORMATION OF APPLICATION SPECIFICATION AND PRODUCT SPECIFICATION

A INITIAL RELEASE REV REV DESCRIPTION

SYMBO	2 וכ	THIS DRAWING C	ONTAINS INF	ORMATION TI	HAT IS PROPRIE	ETARY TO MOLE	X ELECTRONIC TEC	CHNOLOGIES, LLC AND SH	OULD NOT BE USED WIT	THOUT WR	ITTEN PEF	RMISSION
OTIVID		DIMENSION UNITS	SCALE	CURREN	T REV DES	C:						
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<b>E</b> =	0	GENERAL TOL (UNLESS SF						_				
<b>=</b>	0	ANGULAR TOL	± °	EC NO:		_		0.64 USCAR SE	EALED SINGLE R	OW CC	NNEC <sup>-</sup>	TOR
<u></u> \$/ =	0	4 PLACES	±	DRWN:		37	2018/06/26					
<b>W</b> =	Λ	3 PLACES	+	CHK'D:			2018/07/03					-
<b>W</b> -	U	012/(020		APPR:	JDENG02	2	2018/07/04	PRODU	JCT CUSTOMER	DRAW	ING	
<u>C</u> =	0	2 PLACES	±	INITIAL	REVISIO	N:		DOCUMENT NUMBER	-	DOC TYPE	DOC PART	REVISION
<u> </u>	0	1 PLACE	±	DRWN:	MCHEN3	37	2017/08/08		10001			Λ 1
	•	0 PLACES	±	APPR:	JDENG0	2	2017/08/15	20351	10001	PSD	000	AI
=	0	DRAFT WHERE A	APPLICABLE	THIRD ANGL	E PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	•	SHEET	NUMBER

DOCUMENT STATUS P1 RELEASE DATE 2018/07/04 07:56:39

\*064-S-003-1-Z01

MUST REMAIN

WITHIN DIMENSIONS

A1-SIZE 203511

1 OF 3

CONTAINS: PRODUCT INTRODUCATION, PRODUCT SUMMARY

RATINGS AND PRODUCT VALIDATION

BE MOVED TO THE PRE-LOCKED POSITION PRIOR TO FEMALE TERMINAL

e. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION

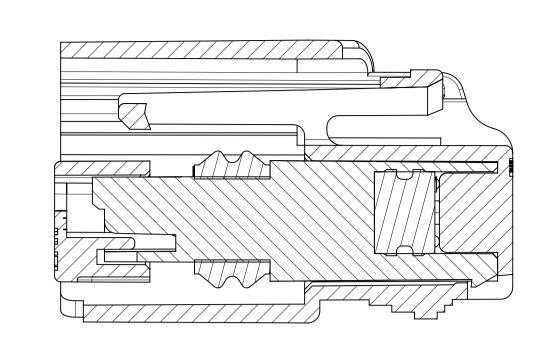
g. SYSTEM TO BE USED WITH OUTSIDE WIRE DIAMETERS RANGING FROM 1.20MM TO 2.06MM WITHIN RANGE OF: - SAE 22AWG TO 18AWG PER ESB-M1L123-A2

a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART

c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715 d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.

AND CUSTOMER MATERIAL NUMBER.

THROUGH 5TH DIGIT DAY # OF THE CALENDAR YEAR (EXAMPLE: FEB. 3RD = '034').



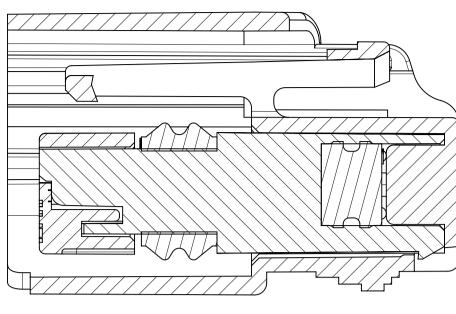
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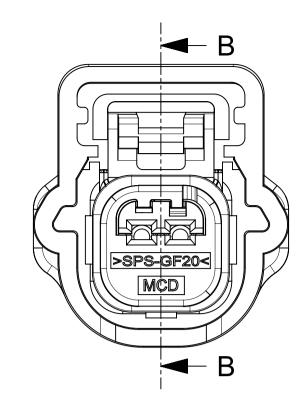
13

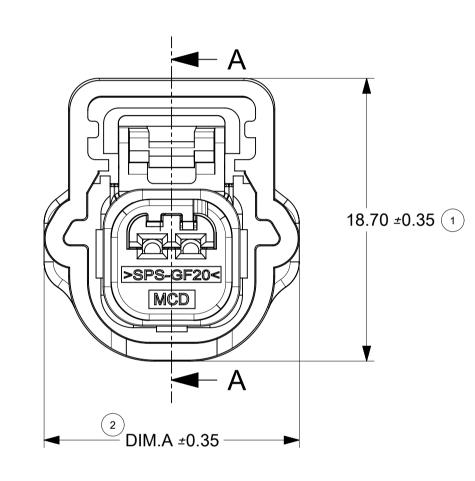
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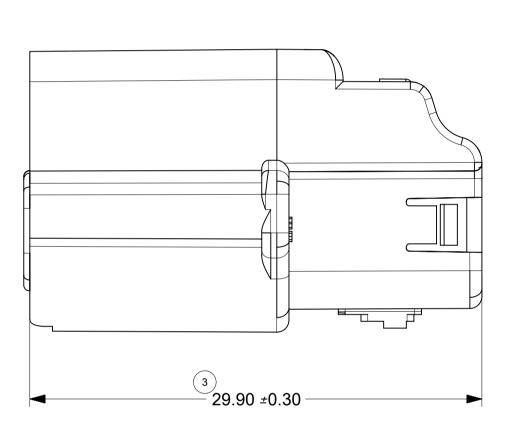
SECTION A-A TPA SHOWN IN AS-SHIPPED PRE-LOCKED POSITION
SEE NOTE 1d

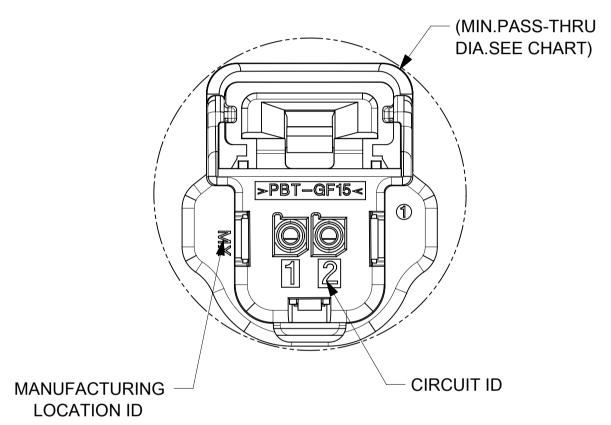


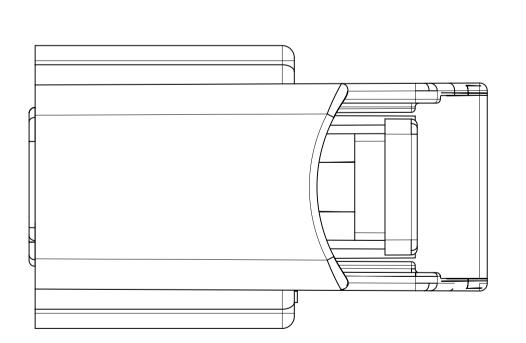
SECTION B-B TPA SHOWN IN FINAL LOCKED POSITION

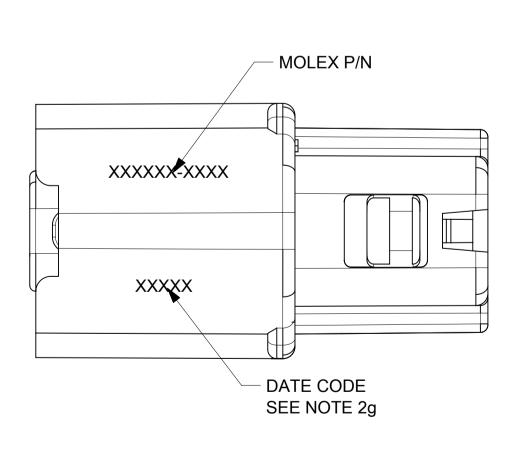








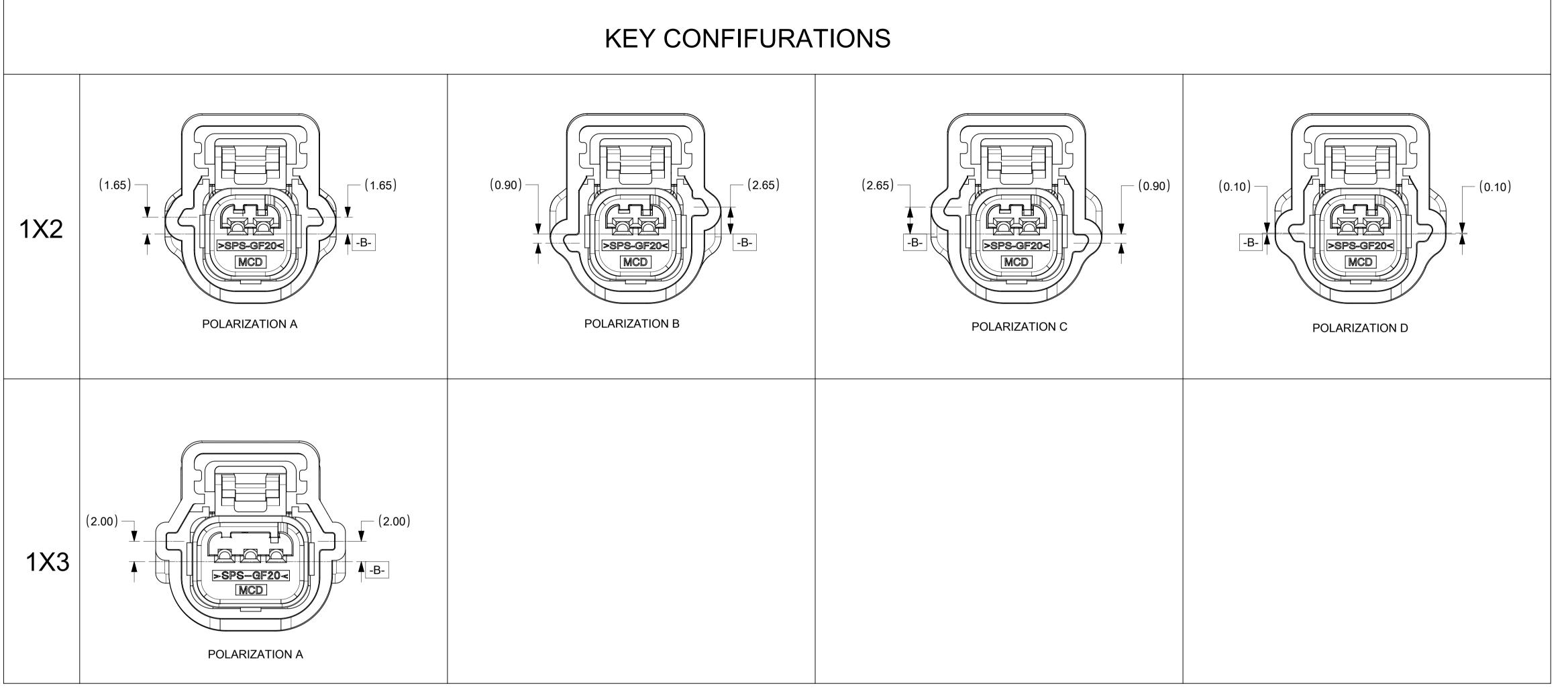




SYMBOLS	THIS DRAWING C	ONTAINS INF	1			ELECTRONIC TEC	CHNOLOGIES, LLC AND SH I	IOULD NOT BE USED WI	THOUT WR	ITTEN PER	RMISSION
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<u></u>	MUST RE WITHIN DIME				A1-SIZE	203511				2 0	OF 3

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 FORMAT masker to prod A1 REVISION II
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-B- REFER TO USCAR DRAWING LISTED IN MATING INTERFACE DRAWING CHART

PART NUMBER	CIRCUITS	KEY	CONNECTOR COLOR	MATTE SEAL COLOR	PERIPHERAL SEAL COLOR	WIDTH DIM.A	MIN. PASS THRU DIA	STATUS		CUIT NUME ED PLUG					
									1	2	3				
203511-2110	1x2			Α						TOOLED					
203511-2210		В	BLACK	ROYAL BLUE	BLUE	16.88	(20.80)	TOOLED							
203511-2310		182	172	172	172	С	BLACK	ROTAL BLUE	BLUE	10.00	(20.00)	TOOLED			
203511-2410			D						TOOLED						
203511-3110	40	A	BLACK	LIGHT BLUE	RUST RED	18.70	(22.00)	TOOLED							
203511-3112	1x3	A	DLACK	LIGHT BLUE	ROST RED	10.70	(22.00)	TOOLED		Х					

SYMBOLS THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION DIMENSION UNITS SCALE OF COLUMN ASSOCIATION OF C CURRENT REV DESC: molex 4:1 mm GENERAL TOLERANCES (UNLESS SPECIFIED) EC NO: 178442 0.64 USCAR SEALED SINGLE ROW CONNECTOR DRWN: MCHEN37 2018/06/26  $\sqrt{S}$  = 0 4 PLACES CHK'D: GLI04 2018/07/03 = 0 3 PLACES APPR: JDENG02 2018/07/04 PRODUCT CUSTOMER DRAWING = 0 2 PLACES INITIAL REVISION: DOC TYPE DOC PART REVISION DOCUMENT NUMBER 1 PLACE DRWN: MCHEN37 2017/08/08 **=** 0 2035110001 PSD 000 A1 APPR: JDENG02 2017/08/15 0 PLACES DRAFT WHERE APPLICABLE THIRD ANGLE PROJECTION SERIES MATERIAL NUMBER A1-SIZE 203511

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