REV	CHANGE HISTORY	DATE
A	FIRST RELEASE	20200826
B	UPDATE VHB TYPE	20200917
C	ADD TWO ADDTIONAL VHBS IN PACKAGING BAG FOR CONFIG1	20210422

NOTE:
1.MATERIALS : REFER TO TABLE2;
2.PACKAGING SPEC: REFER TO PK OF 2165891000;
3.PRODUCT SPEC: REFER TO PS OF 2165891000;
4.APPLICATION SPEC: REFER TO AS OF 2165891000.

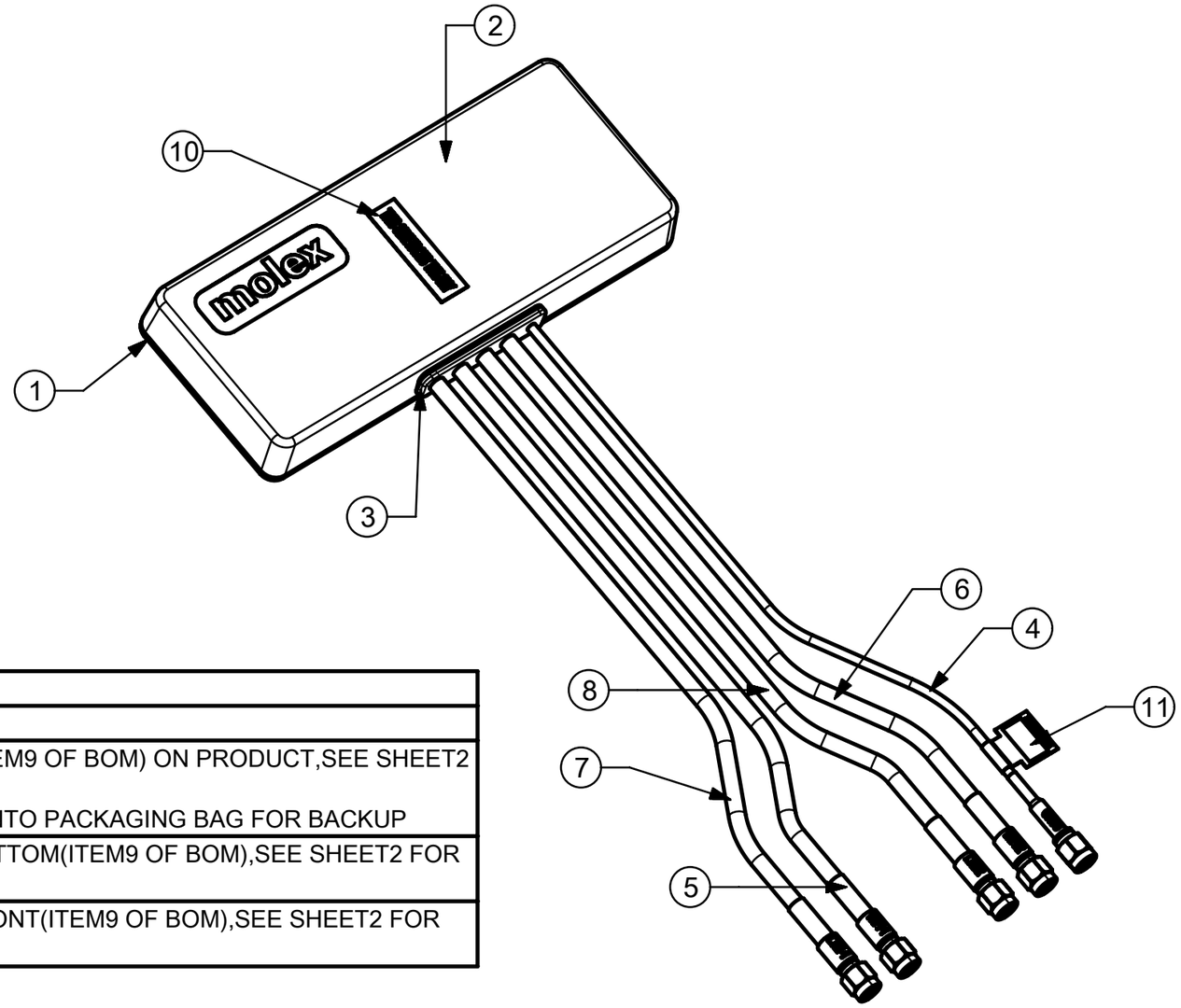


TABLE1

FINISH GOODS PN FOR DIFFERENT CONFIGS			
CONFIGS	PN	DESCRIPTION	NOTES
CONFIG-1	2165891000	MOLEX MULTI-HUB ANTENNA 5 -IN-1(WITHOUT VHB)	WITHOUT ANT VHB(ITEM9 OF BOM) ON PRODUCT,SEE SHEET2 FOR DETAIL, BUT PUT TWO VHBS INTO PACKAGING BAG FOR BACKUP
CONFIG-2	2165891001	MOLEX MULTI-HUB ANTENNA 5 -IN-1(WITH VHB ON BOTTOM)	WITH ANT VHB ON BOTTOM(ITEM9 OF BOM),SEE SHEET2 FOR DETAIL
CONFIG-3	2165891002	MOLEX MULTI-HUB ANTENNA 5 -IN-1(WITH VHB ON FRONT)	WITH ANT VHB ON FRONT(ITEM9 OF BOM),SEE SHEET2 FOR DETAIL

TABLE2

ITEM	DESCRIPTION	MATERIAL	QTY
1	TOP COVER	PC/ABS ,BLACK	1
2	BOTTOM HOUSING	PC/ABS ,BLACK	1
3	SIDE CAP FOR 5 IN 1	SILICONE ,BLACK	1
4	5 IN 1 CABLE ASSY FOR GNSS	RG174 CABLE,SMA(M) ST,TUBE-BLACK,TEXT-WHITE	1
5	5 IN 1 CABLE ASSY FOR WIFI1	LMR200 CABLE,SMA(M) ST, TUBE-BLACK,TEXT-WHITE	1
6	5 IN 1 CABLE ASSY FOR WIFI2	LMR200 CABLE,SMA(M) ST, TUBE-BLACK,TEXT-WHITE	1
7	5 IN 1 CABLE ASSY FOR 5G/LTE1	LMR200 CABLE,SMA(M) ST, TUBE-BLACK,TEXT-WHITE	1
8	5 IN 1 CABLE ASSY FOR 5G/LTE2	LMR200 CABLE,SMA(M) ST, TUBE-BLACK,TEXT-WHITE	1
(9)	VHB FOR ANT(OPTIONAL,SEE SHEET2)	VHB,1.2MM	2
10	GNSS DIRECTIONAL LABEL	PAPER	1
11	ANT TRACKER LABEL	PAPER	1

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SYMBOLS: F = 0; E = 0; F = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; ▽ = 0

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

CURRENT REV DESC:

EC NO: 661698
DRWN: CZHOU05 2021/04/22
CHK'D: HORACM1 2021/04/23
APPR: HORACM1 2021/04/23

INITIAL REVISION:
DRWN: CZHOU05 2020/08/31
APPR: XJSONG 2020/08/31

THIRD ANGLE PROJECTION
DRAWING: A3-SIZE
SERIES: 216589

molex

MOLEX MULTI-HUB ANTENNA 5-IN-1

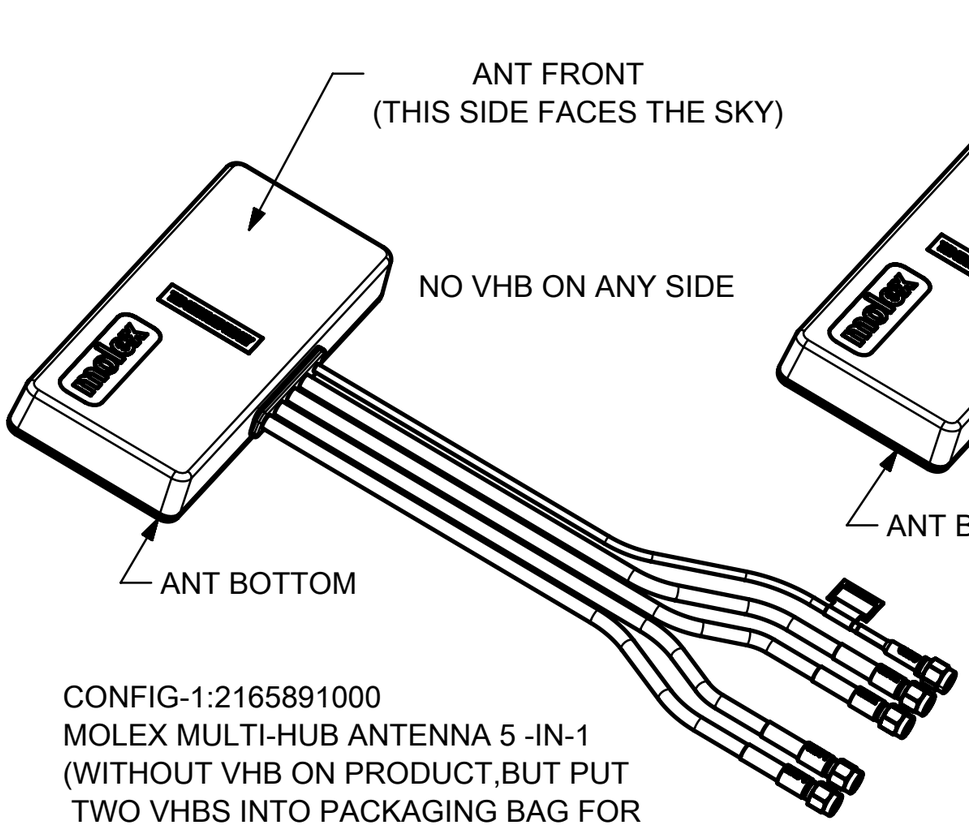
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2165891000	PSD	000	C

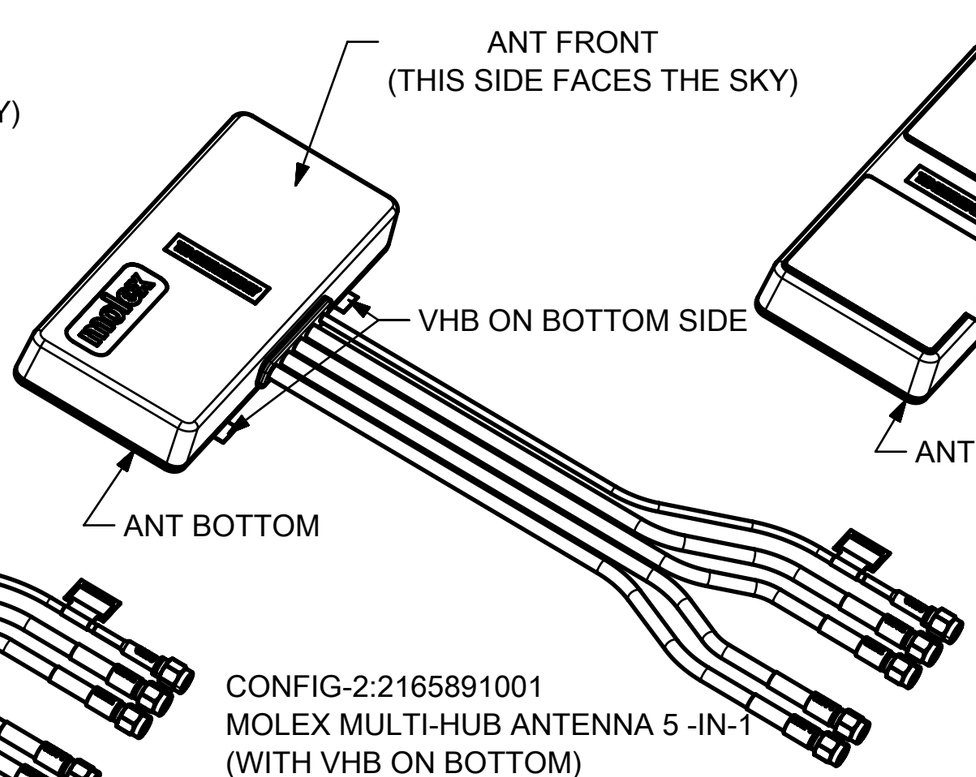
MATERIAL NUMBER: SEE TABLE
CUSTOMER:
SHEET NUMBER: 1 OF 3

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

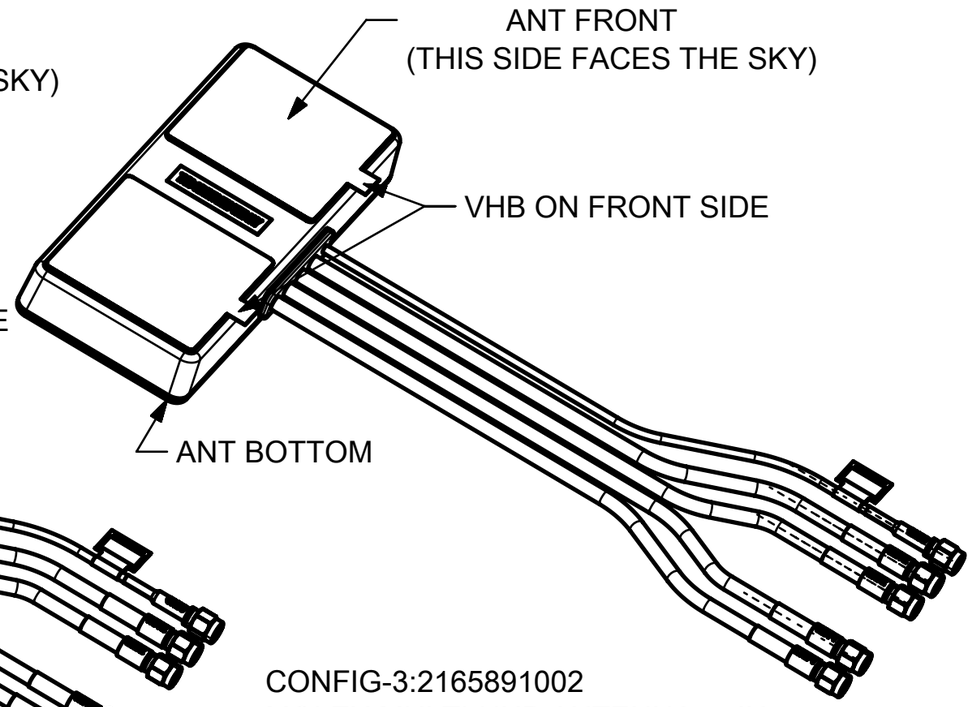
CUSTOMER CAN CHOOSE CONFIG1,2 OR 3 PER THEIR MOUNTING LOCATION



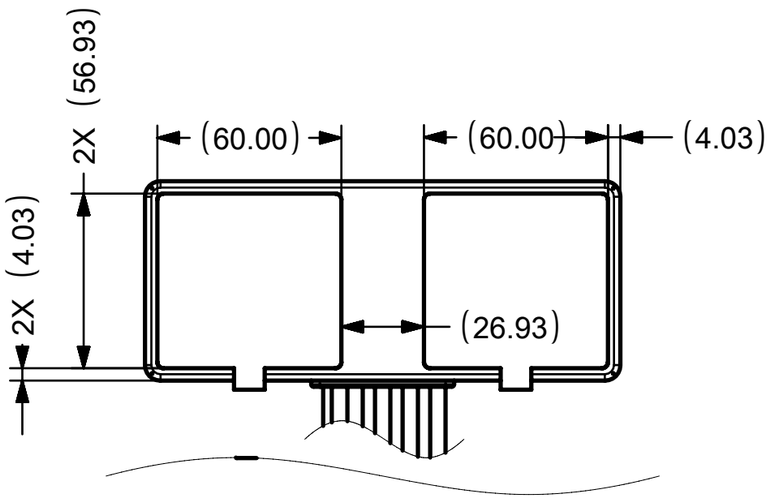
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MOLEX MULTI-HUB ANTENNA 5 -IN-1
(WITHOUT VHB ON PRODUCT,BUT PUT TWO VHBS INTO PACKAGING BAG FOR BACKUP)



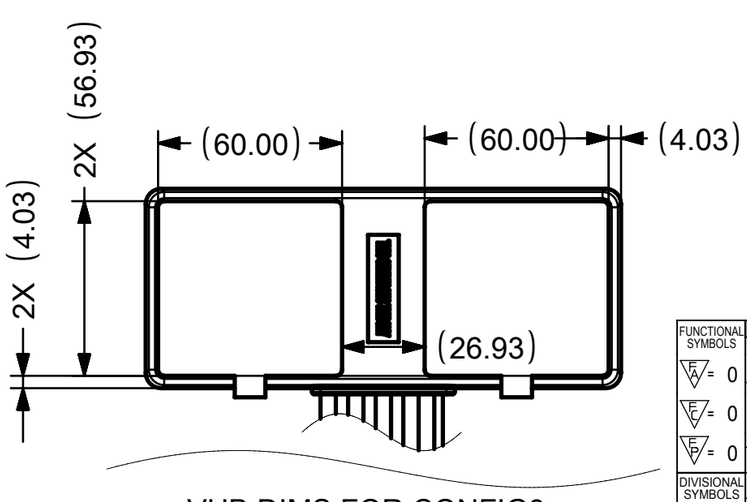
CONFIG-2:2165891001
MOLEX MULTI-HUB ANTENNA 5 -IN-1
(WITH VHB ON BOTTOM)



CONFIG-3:2165891002
MOLEX MULTI-HUB ANTENNA 5 -IN-1
(WITH VHB ON FRONT)



VHB DIMS FOR CONFIG2



VHB DIMS FOR CONFIG3

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FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS: mm
SCALE:
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± °
4 PLACES ±
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DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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EC NO: 661698
DRWN: CZHOU05 2021/04/22
CHK'D: HORACM1 2021/04/23
APPR: HORACM1 2021/04/23

INITIAL REVISION:
DRWN: CZHOU05 2020/08/31
APPR: XJSONG 2020/08/31

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 216589

molex

MOLEX MULTI-HUB ANTENNA 5-IN-1

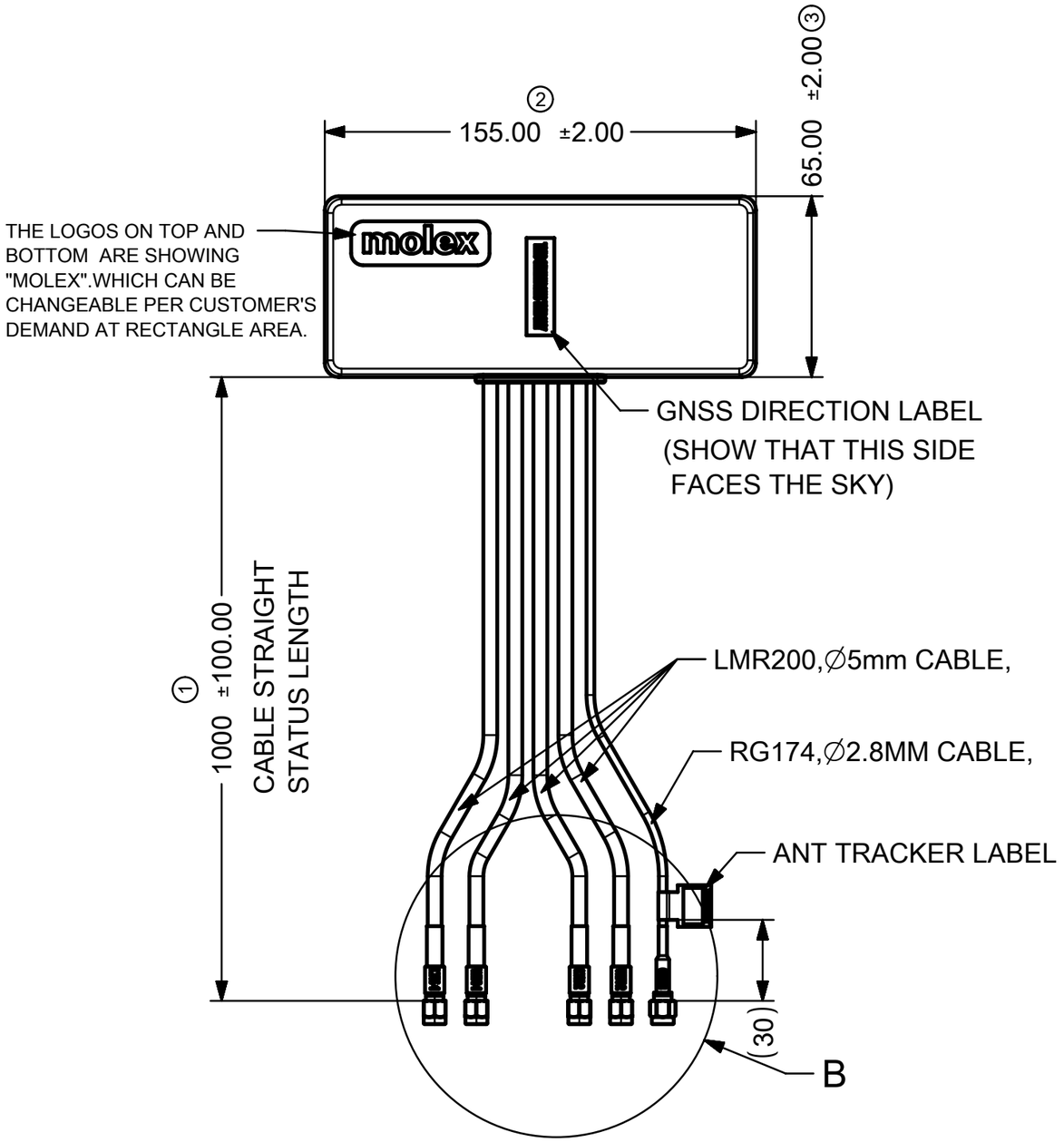
PRODUCT CUSTOMER DRAWING

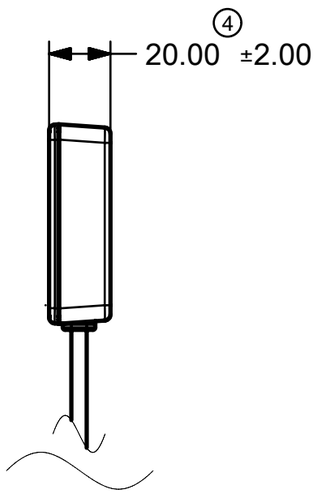
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2165891000	PSD	000	C

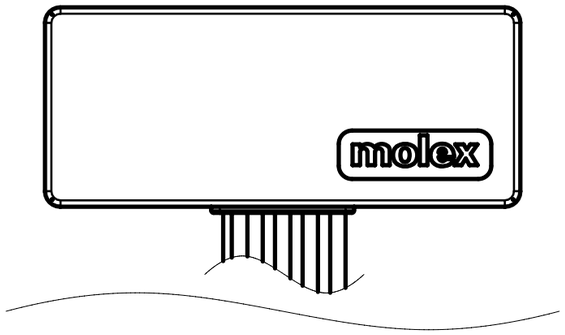
MATERIAL NUMBER | CUSTOMER | SHEET NUMBER: 2 OF 3

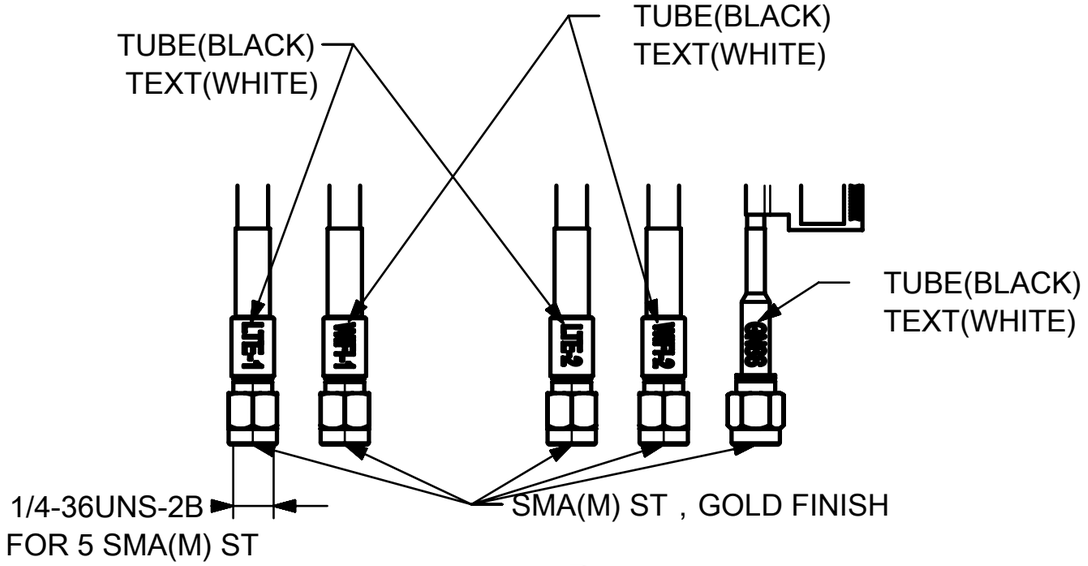
FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14

ANT FINISH GOODS WITHOUT VHB









DETAIL B
SCALE 1:1

ANT TRACKER LABEL QR CODE CONTENT DEFINITION

XXXXXXXXXXCCCCCYYMMDD	MEANS	EXAMPLE
XXXXXXXXXX	MOLEX PN	2165891000, OR 2165891001,OR 2165891002
CCCCC	SERIAL NO.	00000-99999
YY	DATE FOR YEAR	18=2018
MMDD	MONTH AND DAY	0301=THE FIRST DAY OF MARCH

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THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 216589

molex

MOLEX MULTI-HUB ANTENNA 5-IN-1

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2165891000	PSD	000	C

MATERIAL NUMBER | CUSTOMER | SHEET NUMBER: 3 OF 3

FORMAT: master-tb-prod-A3
REVISION: J
DATE: 2020/01/14