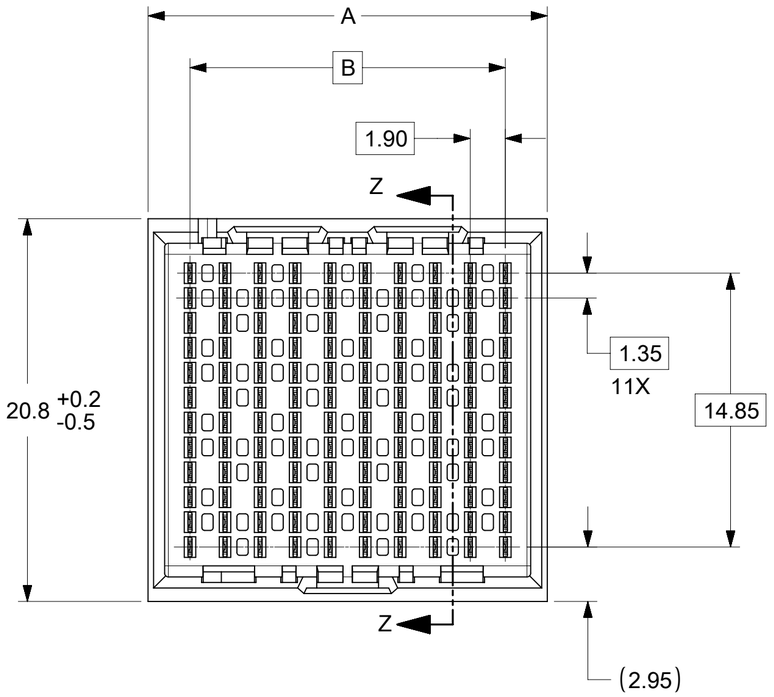
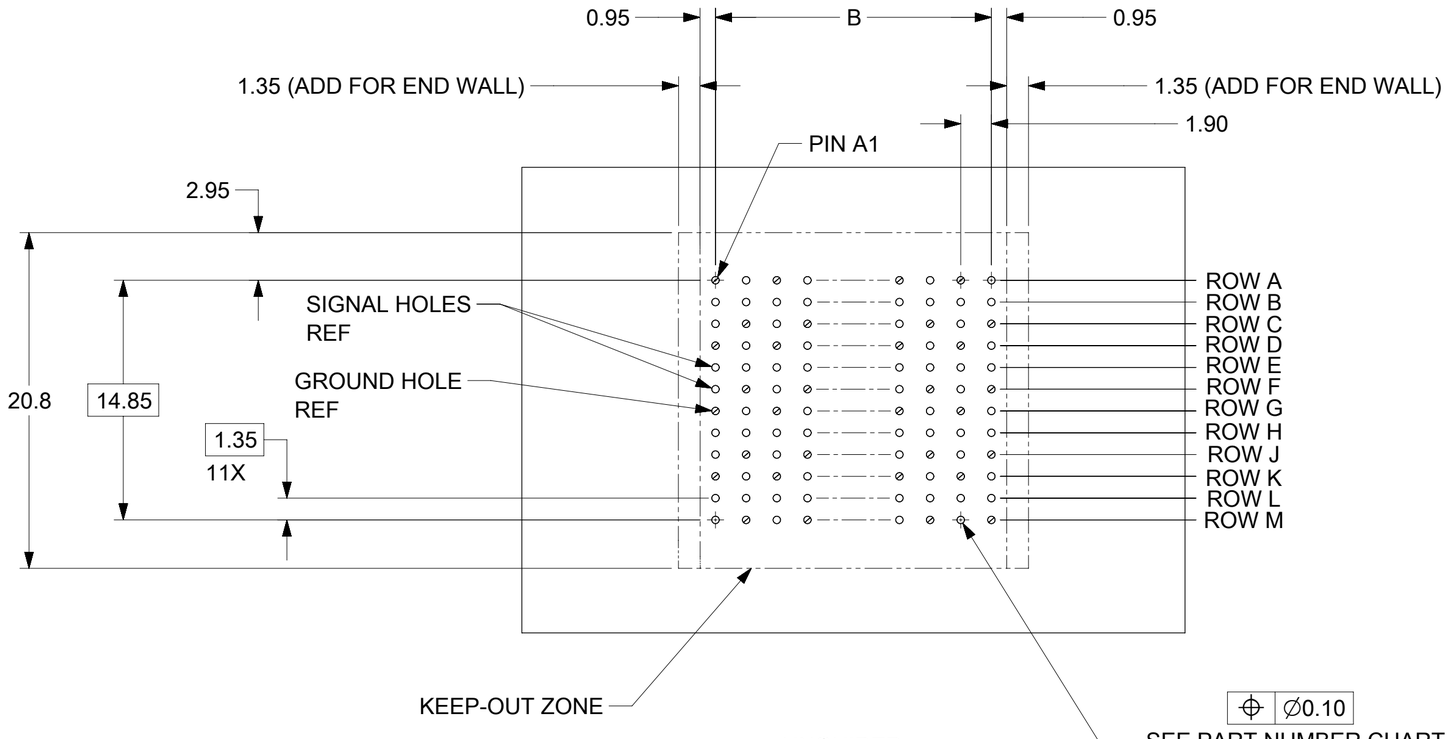
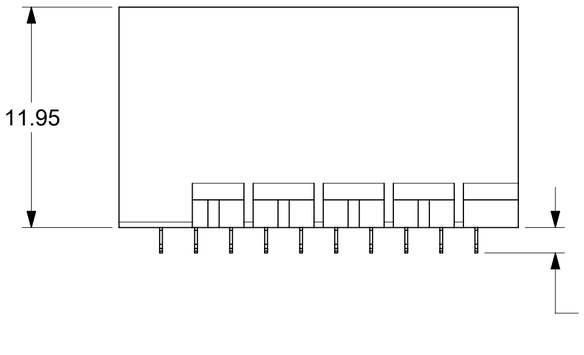
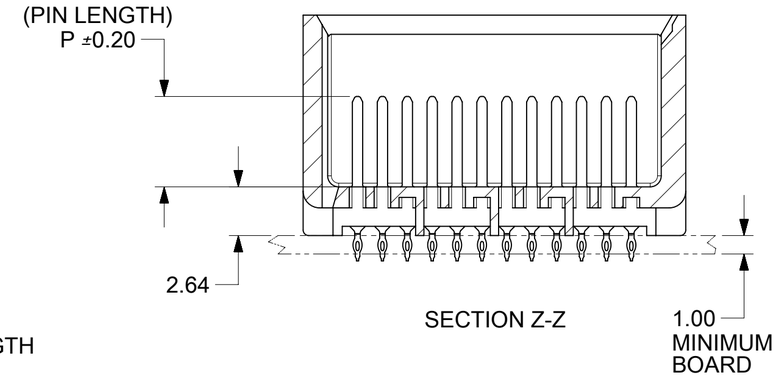
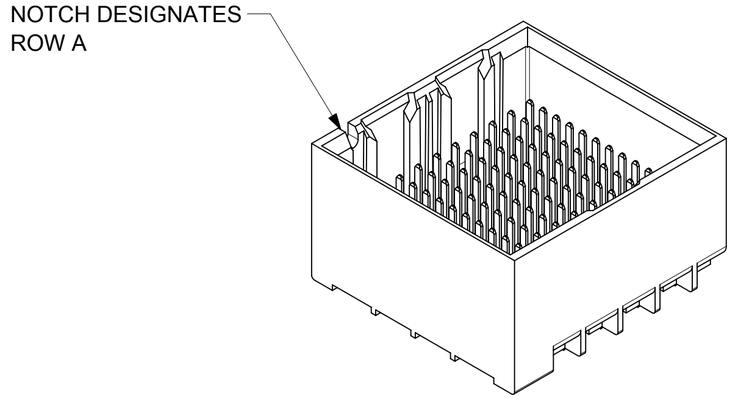




UNGUIDED
BACKPLANE HOLE PATTERN
(CONNECTOR SIDE)
SEE NOTE 9







NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP)
   GLASS-FILLED, UL94V-0
   TERMINALS - HIGH PERFORMANCE COPPER ALLOY
2. FINISH: 30µ MIN GOLD IN CONTACT AREA.
   SELECTIVE TIN ON PCB TAILS.
   NICKEL OVERALL.
3. REFER TO MOLEX PRODUCT SPECIFICATION PS-76060-999
   FOR PERFORMANCE SPECIFICATIONS AND ADDITIONAL PCB INFORMATION.
4. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF MOLEX
   COSMETIC SPEC PS-45499-002.
5. PARTS PACKAGED PER PK-70873-7701.
6. SEE SHEETS 2 & 3 FOR PART NUMBERS AND BOARD RELATIONSHIPS.
7. MATES WITH IMPACT DC SERIES NO. 76160.
8. REFER TO MOLEX PCB ROUTING GUIDE AS-76060-990 FOR ANTIPAD AND
   ROUTING RECOMMENDATIONS.
9. "THESE DIMENSIONS REPRESENT THE AREA NEEDED TO ACCOMMODATE CONNECTOR
   INSERTION AND REPAIR ON THE PC BOARD. THIS IS REFERRED TO AS THE
   "CONNECTOR KEEP OUT ZONE" AND DOES NOT REPRESENT THE ACTUAL PERIMETER
   OF THE CONNECTOR. WHEN LAYING OUT A PC BOARD FOR CONNECTORS STACKED
   TOGETHER, USE A 1.9mm PROGRESSION."

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/21	17:04:01

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

SYMBOLS	
EA =	0
EC =	0
EP =	0
S =	0
▼ =	0
C =	0
☒ =	0
■ =	0
V =	0

DIMENSION UNITS	SCALE
mm	4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)		
ANGULAR TOL	±	0.5 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISE DIM. DECIMAL

EC NO: 607739
DRWN: HLGOH 2018/11/16
CHK'D: JLTAN06 2018/11/16
APPR: DWLEE01 2018/11/21

INITIAL REVISION:
DRWN: MSANDBER 2007/09/11
APPR: JLAURX 2007/09/11

THIRD ANGLE PROJECTION	DRAWING	SERIES
	C-SIZE	76155

molex

IMPACT 4 PAIR HEADER
UNGUIDED ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

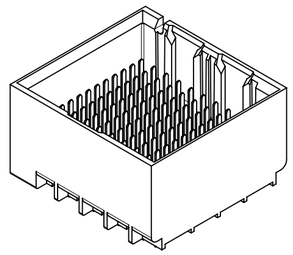
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76155-001	PSD	001	H2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	1 OF 3

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

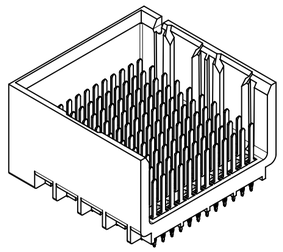
PART NUMBER TABLE

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*32*	6	24	14.1	9.50	DUAL END WALL OPTION
76155-*82*	8	32	17.9	13.30	
76155-*12*	10	40	21.7	17.10	
76155-*62*	16	64	33.1	28.50	



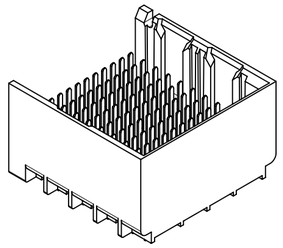
DUAL END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*31*	6	24	12.7	9.50	LEFT END WALL OPTION
76155-*81*	8	32	16.5	13.30	
76155-*11*	10	40	20.3	17.10	
76155-*61*	16	64	31.7	28.50	



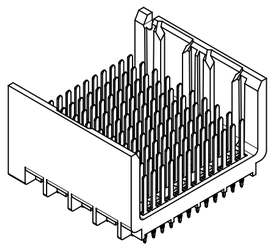
LEFT END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*33*	6	24	12.7	9.50	RIGHT END WALL OPTION
76155-*83*	8	32	16.5	13.30	
76155-*13*	10	40	20.3	17.10	
76155-*63*	16	64	31.7	28.50	



RIGHT END WALL OPTION

MATERIAL NUMBER	# OF COLUMNS	# OF DIFF PAIR	DIM "A"	DIM "B"	
76155-*30*	6	24	11.3	9.50	OPEN WALL OPTION
76155-*80*	8	32	15.1	13.30	
76155-*10*	10	40	18.9	17.10	
76155-*60*	16	64	30.4	28.50	



OPEN WALL OPTION

PART NUMBER LOGIC

76155-****

MODULE TYPE
1 = UNGUIDED,TIN

# OF COLUMNS
1 = 10 COL
3 = 6 COL
6 = 16 COL
8 = 8 COL

PIN LENGTH (P)
3 = 4.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
4 = 4.90 (SHORT COMPLIANT, 0.46±0.05 PTH)
5 = 5.50 (SHORT COMPLIANT, 0.46±0.05 PTH)
6 = 4.50 (MICRO COMPLIANT, 0.39±0.05 PTH)
7 = 4.90 (MICRO COMPLIANT, 0.39±0.05 PTH)
8 = 5.50 (MICRO COMPLIANT, 0.39±0.05 PTH)

END WALL OPTIONS
0 = OPEN ENDS
1 = LEFT END WALL
2 = DUAL END WALL
3 = RIGHT END WALL

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/21 17:04:01

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

SYMBOLS: EAV = 0; EC = 0; EP = 0; S = 0; ▼ = 0; C = 0; ☒ = 0; ■ = 0; V = 0

DIMENSION UNITS: mm
SCALE: 4:1

GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 0.5 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: REVISE DIM. DECIMAL

EC NO: 607739
DRWN: HLGOH 2018/11/16
CHK'D: JLTAN06 2018/11/16
APPR: DWLEE01 2018/11/21

INITIAL REVISION:
DRWN: MSANDBER 2007/09/11
APPR: JLAURX 2007/09/11

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 76155 | MATERIAL NUMBER | CUSTOMER: GENERAL MARKET | SHEET NUMBER: 2 OF 3

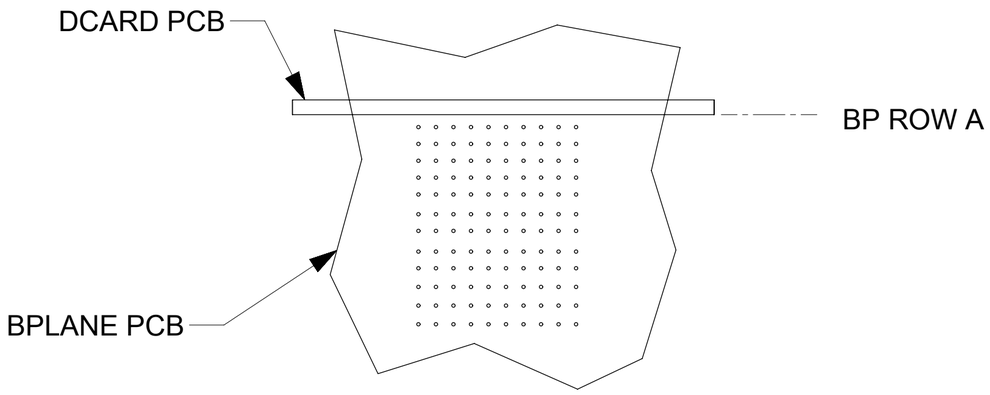
molex

IMPACT 4 PAIR HEADER
UNGUIDED ASSEMBLY SALES DRAWING

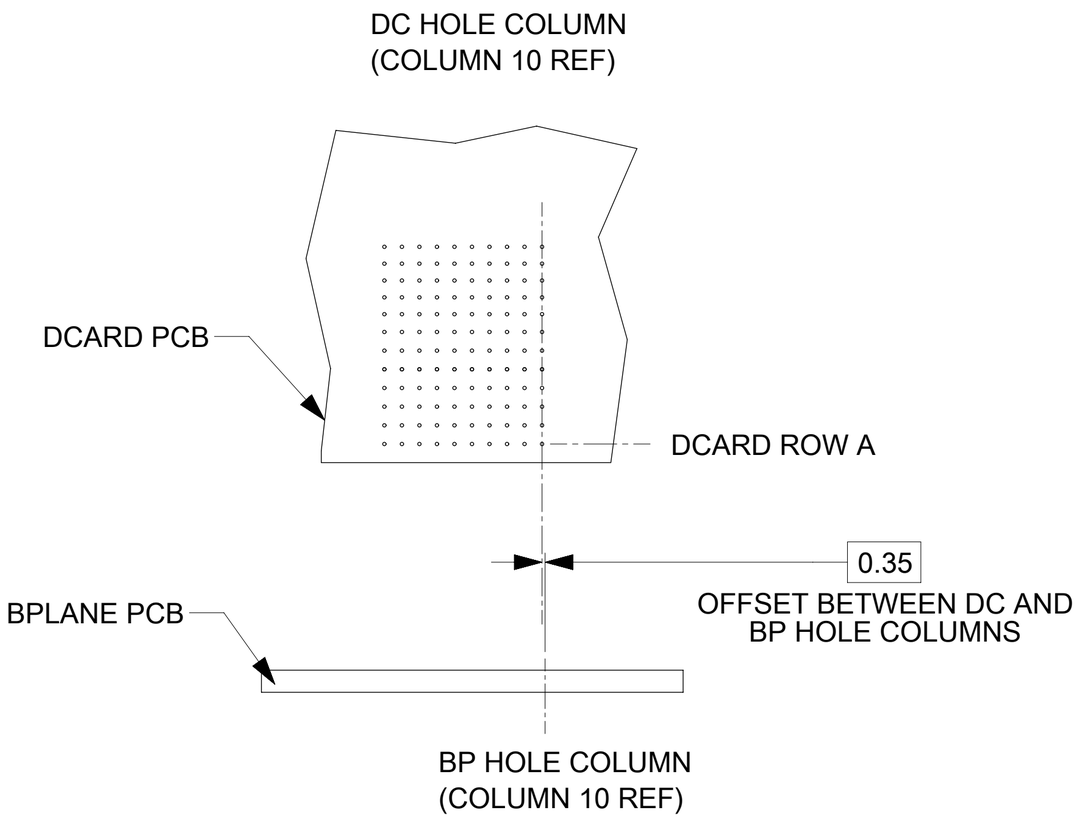
PRODUCT CUSTOMER DRAWING

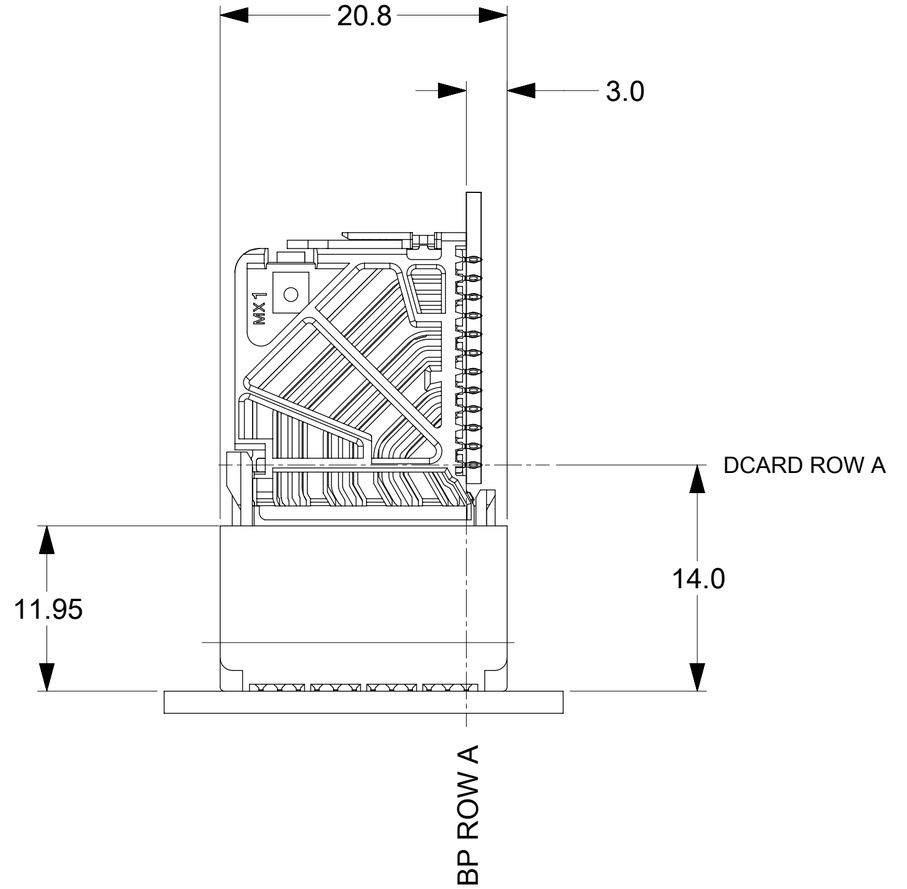
DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76155-001	PSD	001	H2

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



IMPACT 4 PAIR BOARD RELATIONSHIPS





SYMBOLS	DIMENSION UNITS	SCALE
= 0	mm	4:1
= 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
= 0	ANGULAR TOL ± 0.5 °	
= 0	4 PLACES ±	
= 0	3 PLACES ±	
= 0	2 PLACES ± 0.13	
= 0	1 PLACE ± 0.25	
= 0	0 PLACES ±	
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
= 0		

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

CURRENT REV DESC: REVISE DIM. DECIMAL

EC NO: 607739
DRWN: HLGOH 2018/11/16
CHK'D: JLTAN06 2018/11/16
APPR: DWLEE01 2018/11/21

INITIAL REVISION:
DRWN: MSANDBER 2007/09/11
APPR: JLAURX 2007/09/11

THIRD ANGLE PROJECTION | DRAWING: C-SIZE | SERIES: 76155

molex

IMPACT 4 PAIR HEADER
UNGUIDED ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-76155-001	PSD	001	H2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	GENERAL MARKET	3 OF 3

DOCUMENT STATUS	P1	RELEASE DATE	2018/11/21 17:04:01

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