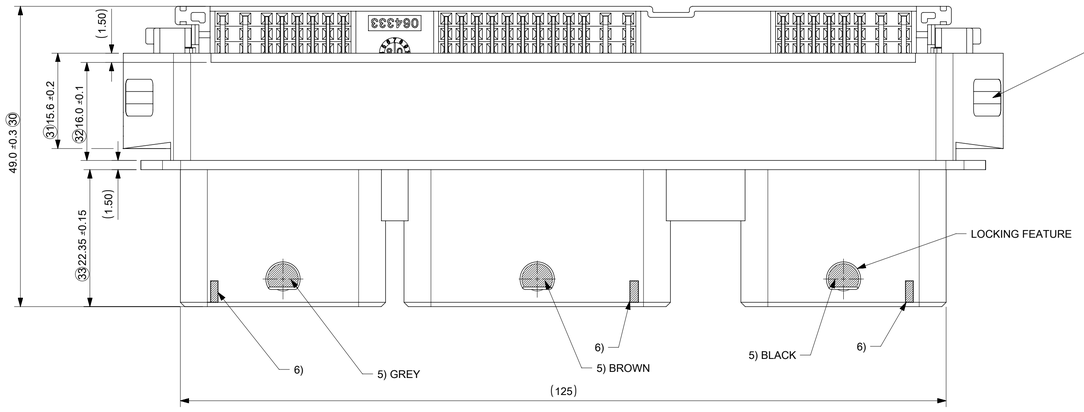
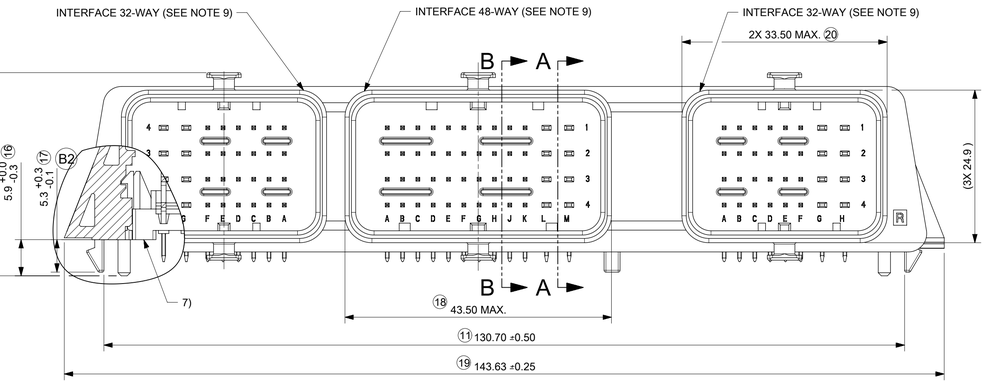
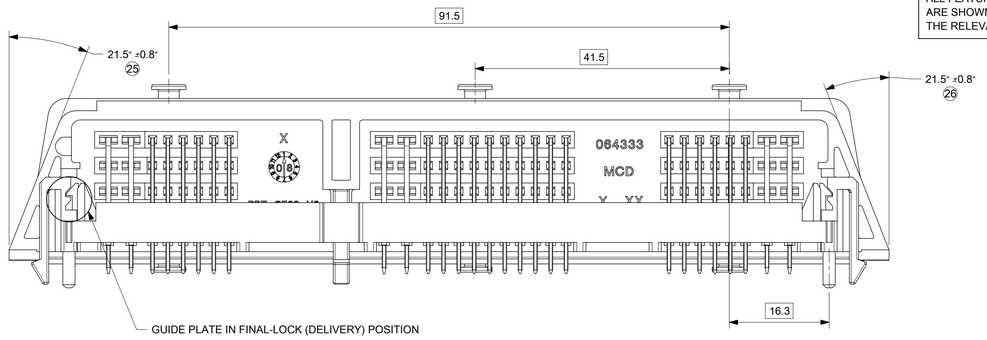
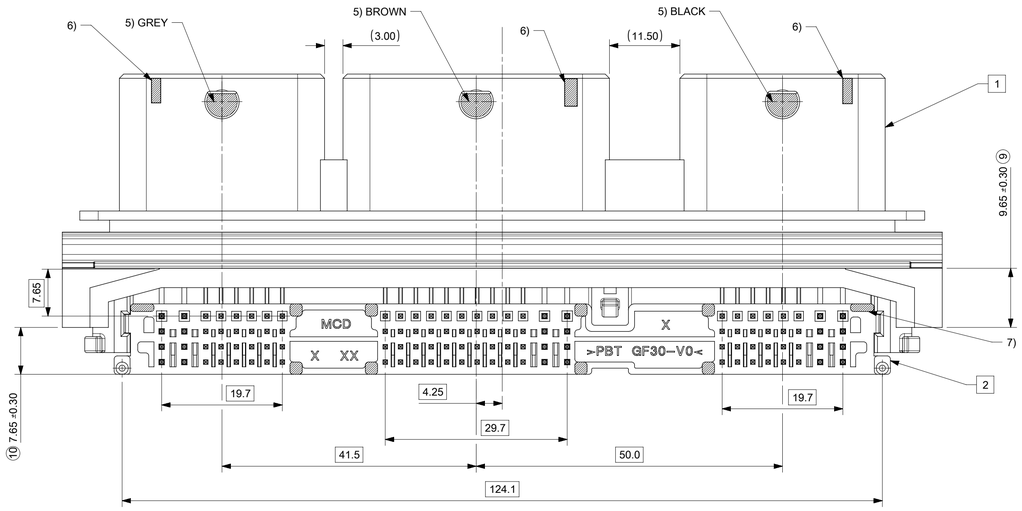
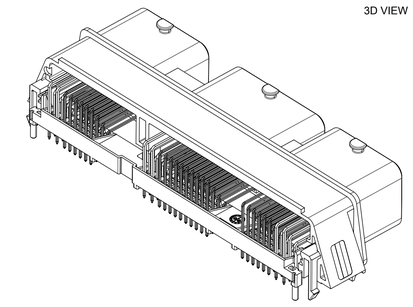










TECHNICAL PERFORMANCE CHARACTERISTICS

LOCKING FEATURES RETENTION FORCE AVERAGE: >260N
THE LOWEST RETENTION FORCE VALUE >240N

PIN RETENTION AND TRACTION FORCES:

B2

PIN AND TAB RETENTION AND TRACTION FORCES:		
PIN	SIZE	RETENTION FORCES
PIN 0.635	0.635 x 0.635	30N
PIN 1.5	1.5 x 0.8	60N

SOLDERABILITY:
TESTING ACC. DIN IEC 60068-2-20 WITHOUT PRE-AGING

ALL FEATURE TECHNICAL PERFORMANCE CHARACTERISTICS
ARE SHOWN IN PRODUCTS AND TEST SPECIFICATION OF
THE RELEVANT FEMALE CONNECTORS -> PS-64319-001

NOTES

1 - GENERAL TOLERANCE ACC. DIN 16901 GROUP 130
2 - SEALING AREA (NO BURR, SCRATCHES, CONTAMINATION,
SHRINK DEPENDED WARPAGE AND TOOL SPLITING LINES ALLOWED)
3 - MATERIAL MARKING
ADDITIONAL MARKING POSSIBLE
e.g.: - CAVITY NO.
- MATERIAL NO.
- VERSION NO.
- TRACEABILITY MARKING (INK-JET OR LASERMARKING
(SPECIAL PLASTIC MATERIAL NEEDED))
- etc.
4 - TOOLING SPLITTING LINES FOR AIR VENT (2X)
5 - COLOUR CODING ON INTERFACE
B2 6 - MARKING FOR HARNESS DIRECTION: APPLY THERMAL RIBBON
7 - PCB SUPPORT SURFACE (10X)
8 - MATES WITH CMC CONNECTOR 48CKT AND 32CKT
MATERIAL NUMBERS:
LEFT WIRE OUTPUT GREY CODING 643191218
RIGHT WIRE OUTPUT BROWN CODING 643203319
RIGHT WIRE OUTPUT BLACK CODING 643193211
B2 9 - THE PRODUCT INTERFACE DRAWING INFORMATION, SEE SD-98644-006

REV.	EC#	DESCRIPTION
B2	628872	1. UPDATED VIEWS FROM GUIDE PLATE PRE-LOCK TO FINAL LOCK 2. UPDATED DIM 17 FROM BASIC 3.2 TO 5.3 DUE TO GUIDE PLATE POSITION CHANGE 3. REMOVED BALLOON NUMBER FOR BASIC DIMENSIONS 4. UPDATED NOTES 6 FROM WHITE INK TO THERMAL RIBBON 5. REMOVED GERMAN LANGUAGE 6. REMOVED INTERFACE DRAWING APPENDED ON SHEET 3 TO SHEET 5 ADD NOTE 9 FOR INTERFACE INDICATION FOR 7. ADDED INSPECTION BALLOON NUMBER LOG 8. NX RE-MASTERING
B1	GCA2011-0027	UPDATE DESCRIPTION FOR SOLDERABILITY TEST
B	GCA2011-0002	UPDATE INTERFACE DRAWING ACCORDING TO SD-98644-006 REV.B
A1	GCA2009-0060	INITIAL RELEASE

INSPECTION BALLOON NUMBER LOG
PER DRWING REVISION: B1
LAST BALLOON NUMBER USED: 33
ADDED BALLOON NUMBER USED:
REMOVED BALLOON NUMBER: 1~8, 27, 28, 29, 40

0643330100	MOLEX P/N
CMC HEADER 112CKT	DESCRIPTION
83.5g	WEIGHT MEASURED

ITEM	DESCRIPTION	MOLEX P/N	RAW MATERIAL	BARRIER (OVERALL) / PLATING (µm)	FINISH (OVERALL)	UNIT	AMOUNT
10	PIN 1.5 ROW 4	500756-4024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	6
9	PIN 1.5 ROW 3	500756-3024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	6
8	PIN 1.5 ROW 2	500756-2024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	6
7	PIN 1.5 ROW 1	500756-1024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	6
6	PIN 0.64 ROW 4	500757-4024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	22
5	PIN 0.64 ROW 3	500757-3024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	22
4	PIN 0.64 ROW 2	500757-2024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	22
3	PIN 0.64 ROW 1	500757-1024	CuZn30 R410	Ni 1.3 -3.8	Sn 2-4	PC	22
2	GUIDE PLATE	0643330002	PBT GF30-V0 BLK	---	---	PC	1
1	HOUSING	0643330010	PBT GF30-V0 BLK	---	---	PC	1

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/19 14:34:51

DIMENSION UNITS	SCALE
mm	2:1

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: REFER TO REVISION CHANGE LOG FOR DETAIL IN C-4 OF SHEET 1

EC NO: 628872
DRWN: HKANG03 2019/12/14
CHK'D: HWBAI 2020/02/19
APPR: SLAFAURE 2020/02/19

INITIAL REVISION:
DRWN: TLUO 2009/07/02
APPR: GGLEE 2009/07/07

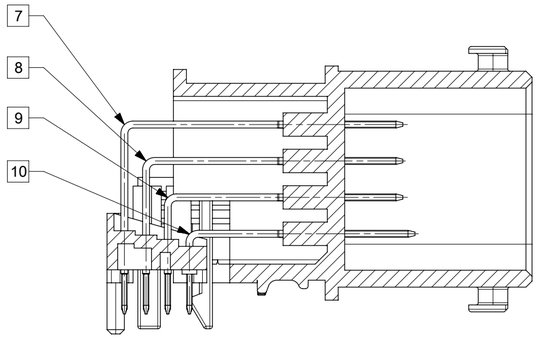
molex

CMC HEADER 112CKT
ASSEMBLED SOLDER VERSION

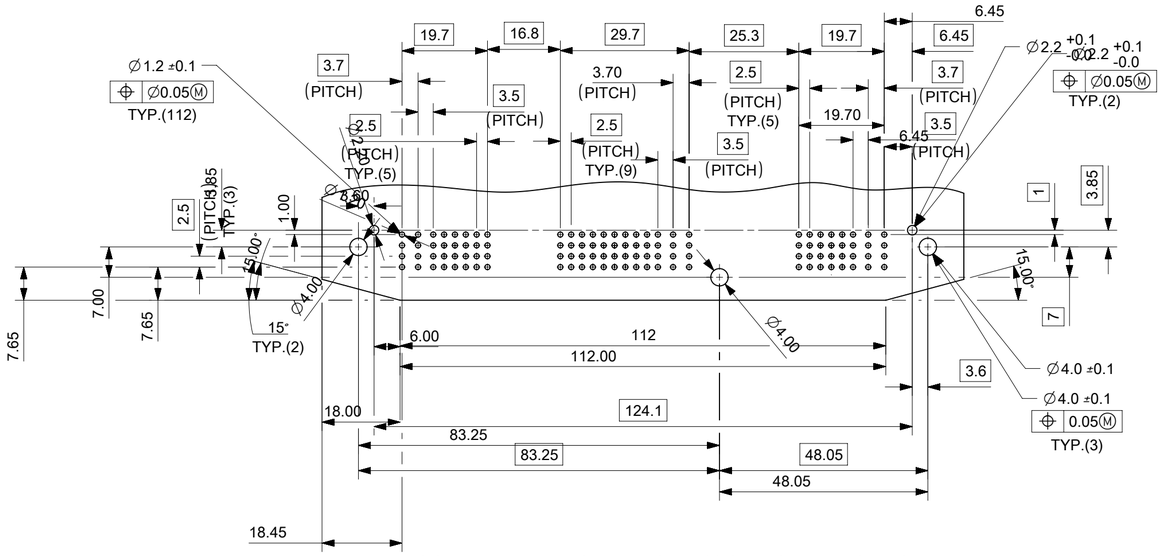
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-64333-100	PSD	005	B2

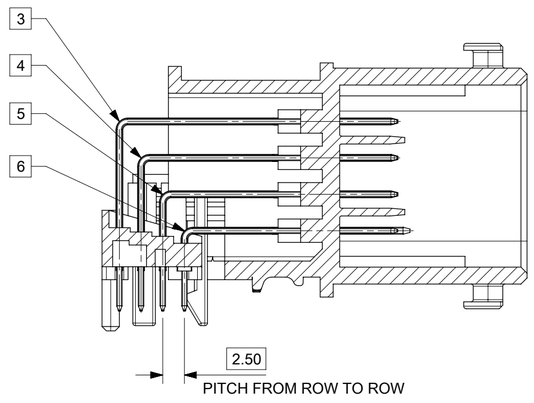
THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A1-SIZE	64333	SEE TABLE	GENERAL MARKET	1 OF 2



SECTION A-A



RECOMMENDED PCB LAYOUT (COMPONENT SIDE)
THICKNESS: 1.6±0.1mm



PITCH FROM ROW TO ROW

SECTION B-B

NOTES:

1. THE VIEW "RECOMMENDED PCB LAYOUT" SHOWS THE SECTION OF THE HOLE POSITION CONCERNING THE HEADER-PIN, GUIDING AND LOCKING LAYOUT.
2. THE VIEW OF THE HOLE PATTERN DOESN'T POINT TO THE ABSOLUTE POSITION ON THE PCB.
3. THE HOLE PATTERN IS COPY OF THE HEADER LAYOUT.
4. PLEASE COMBINE THE TWO ELEMENTS (HEADER AND VIEW OF THE HOLE PATTERN) TO CREATE PCB LAYOUT

DIMENSION UNITS	mm
SCALE	1:1
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: REFER TO REVISION CHANGE LOG FOR DETAIL IN C-4 OF SHEET 1

EC NO: 628872
DRWN: HKANG03 2019/12/14
CHK'D: HWBAI 2020/02/19
APPR: SLAFAURE 2020/02/19

INITIAL REVISION:
DRWN: TLUO 2009/07/02
APPR: GGLEE 2009/07/07

THIRD ANGLE PROJECTION | DRAWING: A2-SIZE | SERIES: 64333

molex

CMC HEADER 112CKT
ASSEMBLED SOLDER VERSION

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-64333-100	PSD	005	B2

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2020/02/19 14:34:51

FORMAT: master-tb-prod-A2
REVISION: H
DATE: 2018/01/18