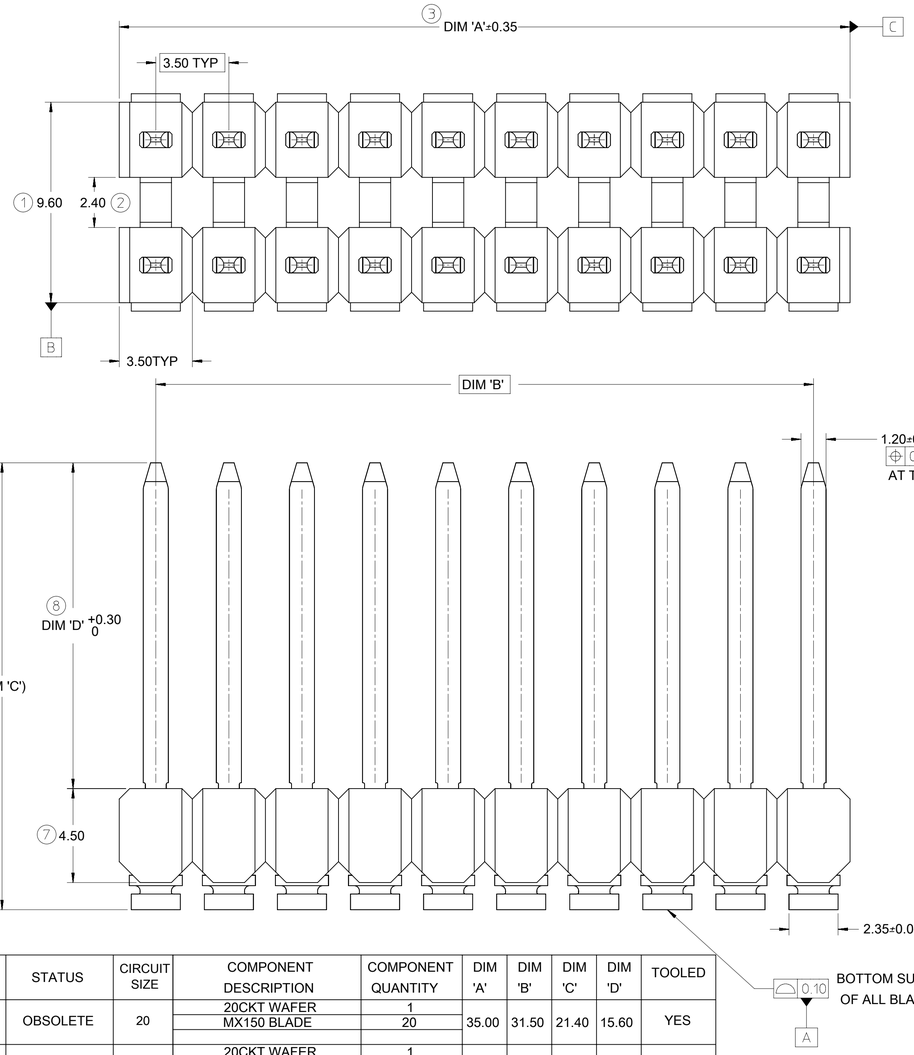
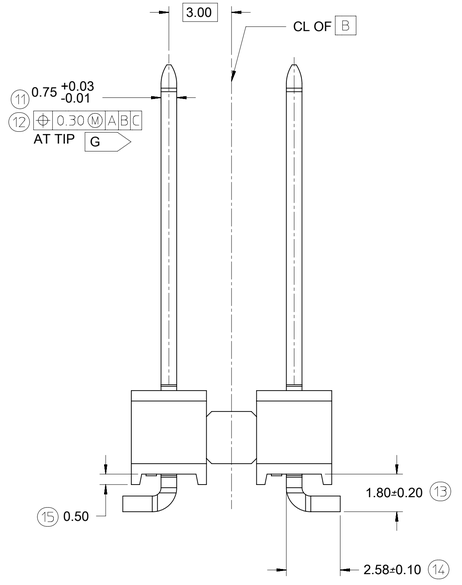




ASSEMBLY PART NUMBER	STATUS	CIRCUIT SIZE	COMPONENT DESCRIPTION	COMPONENT QUANTITY	DIM 'A'	DIM 'B'	DIM 'C'	DIM 'D'	TOOLED
75757-4205	OBSOLETE	20	20CKT WAFER	1	35.00	31.50	21.40	15.60	YES
			MX150 BLADE	20					
75757-4200		20	20CKT WAFER	1	35.00	31.50	21.40	15.60	YES
			MX150 BLADE	20					
			PICK&PLACE CAP	1					
75757-4165	OBSOLETE	16	16CKT WAFER	1	28.00	24.50	21.40	15.60	YES
			MX150 BLADE	16					
75757-4160		16	16CKT WAFER	1	28.00	24.50	21.40	15.60	YES
			MX150 BLADE	16					
			PICK&PLACE CAP	1					
75757-4125	OBSOLETE	12	12 CKT WAFER	1	21.00	17.50	21.40	15.60	YES
			MX150 BLADE	12					
75757-4120		12	12 CKT WAFER	1	21.00	17.50	21.40	15.60	YES
			MX150 BLADE	12					
			PICK&PLACE CAP	1					
75757-4085	OBSOLETE	8	8CKT WAFER	1	14.00	10.50	21.40	15.60	YES
			MX150 BLADE	8					
75757-4080		8	8CKT WAFER	1	14.00	10.50	21.40	15.60	YES
			MX150 BLADE	8					
			PICK&PLACE CAP	1					
75757-4065	OBSOLETE	6	6CKT WAFER	1	10.50	7.00	21.40	15.60	YES
			MX150 BLADE	6					
75757-4060		6	6CKT WAFER	1	10.50	7.00	21.40	15.60	YES
			MX150 BLADE	6					
			PICK&PLACE CAP	1					
75757-4045	OBSOLETE	4	4CKT WAFER	1	7.00	3.50	21.40	15.60	YES
			MX150 BLADE	4					
75757-4040		4	4CKT WAFER	1	7.00	3.50	21.40	15.60	YES
			MX150 BLADE	4					
			PICK&PLACE CAP	1					

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31302-386
b. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
c. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
d. PARTS MUST CONFORM TO ALL CURRENT REQUIREMENTS OF DIRECTIVE 2011/65/EU (EU RoHS COMPLIANT)
e. TERMINAL PUSH OUT FORCE 10.8N MINIMUM

2. DESIGN - MATERIALS:
a. WAFTER: LCP+30%GF
PICK AND PLACE CAP: LCP+30%GF, UL94V-0
TERMINAL BLADE: C19400
TERMINAL PLATING: TIN OVER NICKEL OVERALL

3. DESIGN - GEOMETRY:
a. ALL GRAPHIC DATA IS BASIC (NO TOLERANCE) AND MUST BE TAKEN FROM THE DATA FILE AT ITS LATEST REVISION.

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

4. DESIGN - MANUFACTURING:
a. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B)

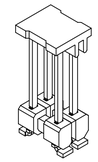
5. POSITION TOLERANCE OF PIN AT MATING SIDE SHOULD BE MAINTAINED AT 0.3MM IN THE FINAL MODULE BY CUSTOMER.

6. G DENOTES DIMENSIONS THAT CAN BE QUALIFIED WITH A GAUGE.

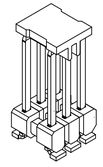
7. BLADE GEOMETRY DOES NOT CONFORM TO USCAR SPECIFICATIONS

8. PLEASE REFER USCAR WEBSITE FOR 1.5mm DIRECT CONNECT INTERFACE (SHROUD) DETAILS

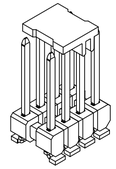
9. PLEASE REFER SD-33472-0001 FOR 2 X 10 SHROUD DETAILS



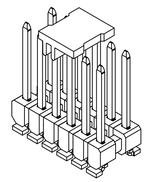
4CKT HEADER
SCALE 2:1



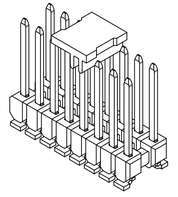
6CKT HEADER
SCALE 2:1



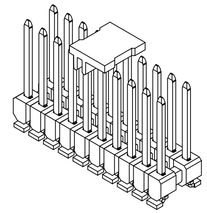
8CKT HEADER
SCALE 2:1



12CKT HEADER
SCALE 2:1



16CKT HEADER
SCALE 2:1



20CKT HEADER
SCALE 2:1

SYMBOLS	
F =	0
E =	0
B =	0
S =	0
=	0
C =	0
=	0
=	0
=	0

DIMENSION UNITS	SCALE
MM	7:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.13
1 PLACE	±	0.25
0 PLACES	±	

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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

CURRENT REV DESC:

EC NO: 624897
DRWN: RYELAVATTITH 2019/09/26
CHK'D: AKUMARMS 2019/10/01
APPR: SNAYAK01 2019/10/04

INITIAL REVISION:
DRWN: JFISCHER01 2014/11/05
APPR: RBAUMAN 2014/11/13

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 75757

molex

MX150 STICK HEADER
ASSEMBLY SALES DRAWING

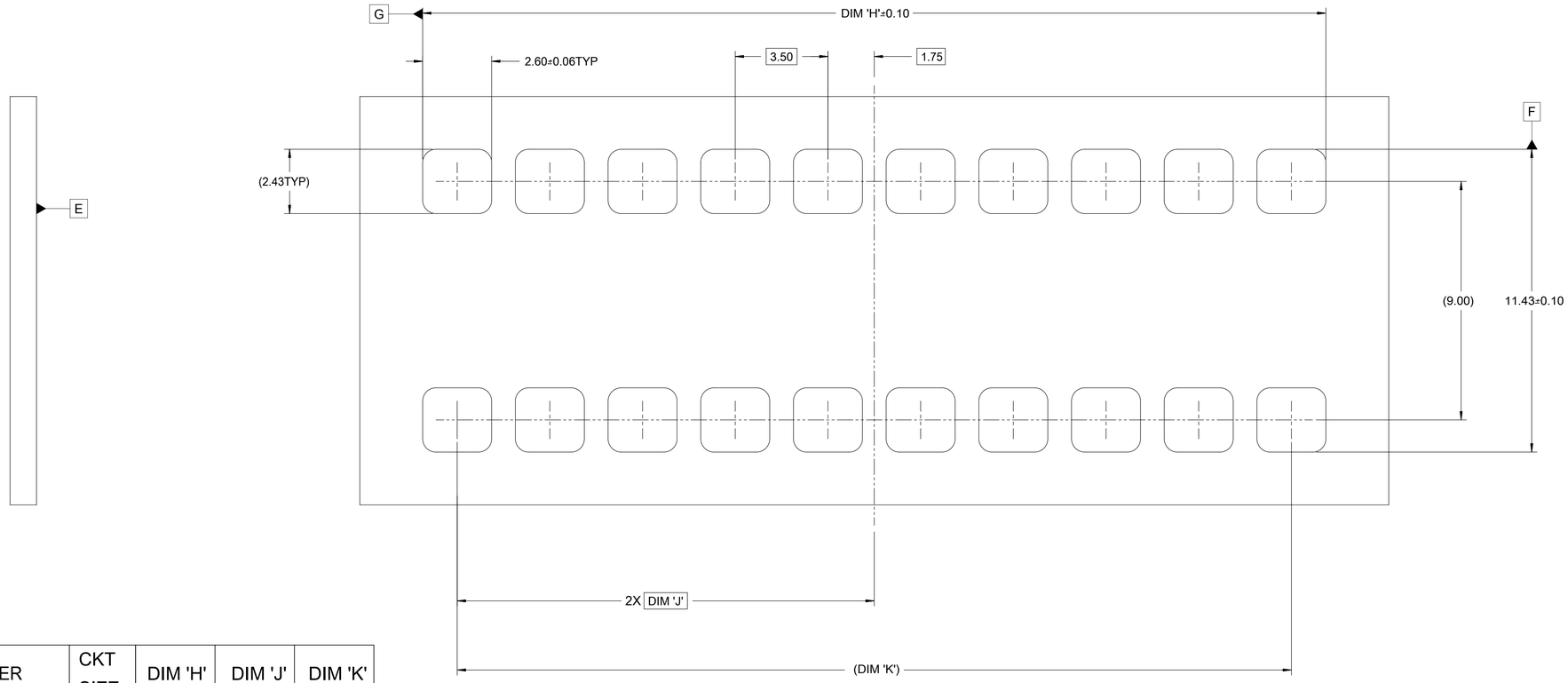
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-400	PSD	001	G4

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	1 OF 2

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/04 12:14:09

RECOMMENDED PCB LAYOUT



PART NUMBER	CKT SIZE	DIM 'H'	DIM 'J'	DIM 'K'
75757-4205 OR 4200	20	34.10	15.75	31.50
75757-4165 OR 4160	16	27.10	12.25	24.50
75757-4125 OR 4120	12	20.10	8.75	17.50
75757-4085 OR 4080	8	13.10	5.25	10.50
75757-4065 OR 4060	6	9.60	3.5	7.0
75757-4045 OR 4040	4	6.10	1.75	3.50

DOCUMENT STATUS	P1	RELEASE DATE	2019/10/04 12:14:09

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

SYMBOLS: F = 0, E = 0, D = 0, S = 0, = 0, C = 0, = 0, = 0, = 0

DIMENSION UNITS: MM
SCALE: 10:1
GENERAL TOLERANCES (UNLESS SPECIFIED)
ANGULAR TOL ± 1.0 °
4 PLACES ±
3 PLACES ±
2 PLACES ± 0.13
1 PLACE ± 0.25
0 PLACES ±
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC:

EC NO: 624897
DRWN: RYELAVATTITH 2019/09/26
CHK'D: AKUMARMS 2019/10/01
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INITIAL REVISION:
DRWN: JFISCHER01 2014/11/05
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THIRD ANGLE PROJECTION
DRAWING: D-SIZE
SERIES: 75757
MATERIAL NUMBER: SEE TABLE
CUSTOMER: GENERAL MARKET
SHEET NUMBER: 2 OF 2

molex

MX150 STICK HEADER
ASSEMBLY SALES DRAWING

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-75757-400	PSD	001	G4