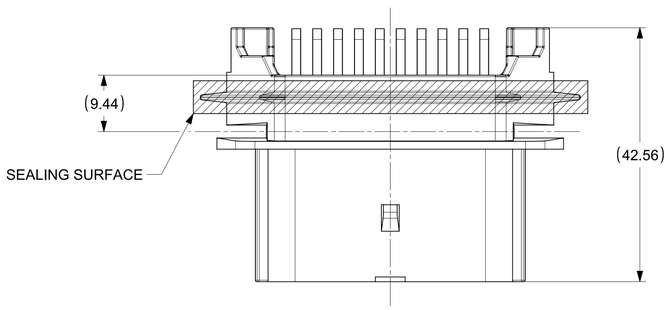
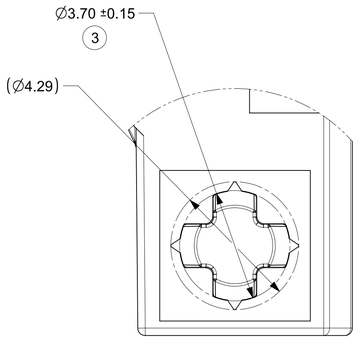
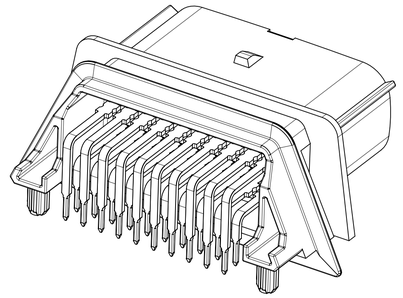
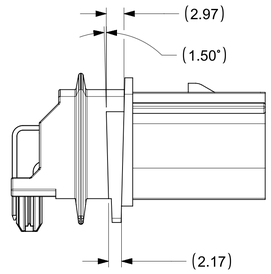


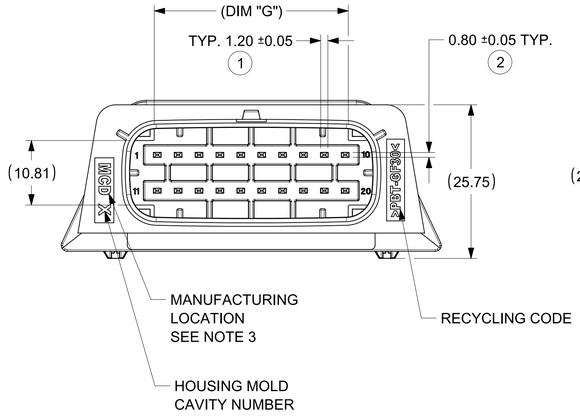


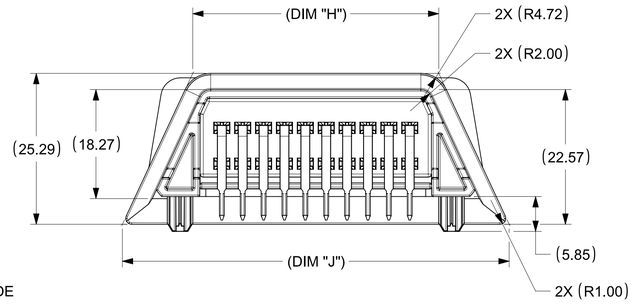
DETAIL A
SCALE 10:1

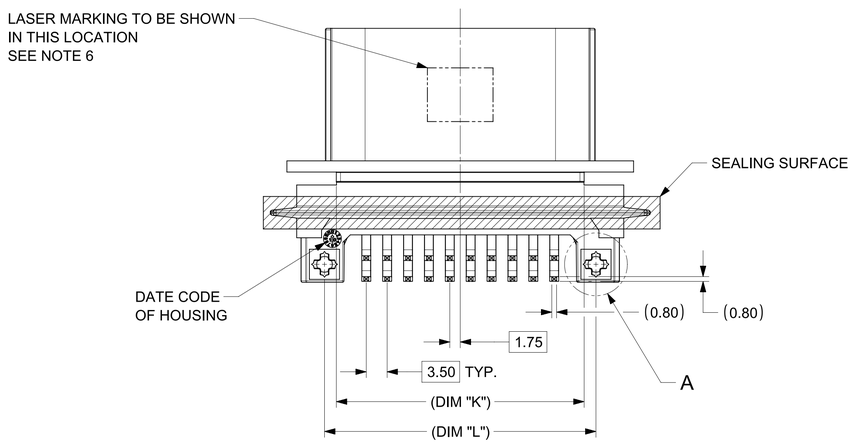


SOLDERTAIL SHOWN
(2X10 SHOWN)









NOTES UNLESS OTHERWISE SPECIFIED

1. GENERAL:
   a. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: 2014040016
   b. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
   c. 1.5 PCB PRESS-FIT (COMPLIANT PIN) PER SD-31503-012 REV A
   d. PCB INTENDED TO BE FR4 0.062" (1.6mm) THICK

2. DESIGN - MATERIALS:
   a. HOUSING: PBT 30%GF.
   b. TERMINAL:
      - SOLDER VERSION: COPPER ALLOY.
   A6 ~~- COMPLIANT VERSION: COPPER ALLOY.~~

3. DESIGN - GEOMETRY:
   a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
   b. PRODUCT DESIGN MODEL NUMBER(S): SEE BOM TABLE
   c. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
   d. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
   e. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
   f. LETTERING SHALL BE 0.15 MAX RAISED. THIS INCLUDES RECYCLING CODE, CAVITY ID, MANUFACTURING LOCATION, AND MOLEX MATERIAL NUMBER.

4. TRUE POSITIONS OF THE EONS AND SOLDERTAIL TO BE VERIFIED WITH A FUNCTIONAL GO/NO GO GAUGE.

5. ALL DIMENSIONS APPLY TO THE PART AS SHIPPED FROM MOLEX. FINAL POSITIONING IS ACHEIVED WITH PCB APPLICATION TOOLING. REFERENCE AS-34829-001.

6. LASER MARKING TO BE MARKED WITH:
   HUMAN READABLE CODE (HRC)
   -PERMANENTLY APPLIED ON THE PART WITH 1.5mm LETTER SIZE
   -INFORMATION TO BE PRINTED
   9 DIGIT MOLEX MATERIAL NUMBER
   5 DIGIT JULIAN MANUFACTURING DATE STAMP DDDYY
7. TRUE POSITION OF THE MATE SIDE CONNECTOR TO BE VERIFIED WITH A GO/NO-GO FUNCTIONAL GAGE
8. ALL DIMENSION WITH OUT BALLOONS ARE NOT MEASURED. SURROGATE DATA FROM THE COMPONENET PRINT WILL BE USED TO MEET DIMENSIONAL REQUIREMENTS.
A6 ~~9. EON (COMPLIANT PIN) DESIGN REQUIRES AN ASSEMBLY FIXTURE FOR INSTALLATION.~~

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

FUNCTIONAL SYMBOLS: FA = 0, FC = 0, FP = 0

DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3'
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CORRECTED DESCRIPTION ERROR IN SHEET 3 TABLE FOR 2X6 & 2X8 HEADER REMOVE OBSOLETE EON VERSION PRODUCT INFORMATION(SERIES NUMBER 34829)

STATUS:	Production	
DRWN:	Yu Chao Fu	2025-03-06
CHK'D:	Fan Bai	2025-03-24
APPR:	Elvis Song	2025-03-25

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34829

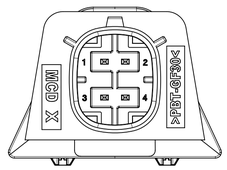
molex

MX150 DUAL ROW
R/A HEADER ASSEMBLY

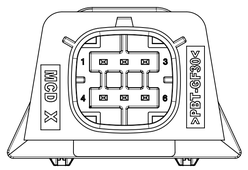
PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34829-001	PSD	001	A6

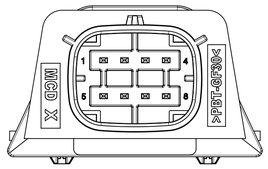
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	1 OF 3



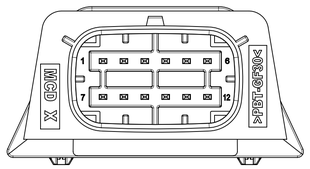
34830-04XX



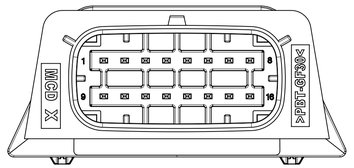
34830-06XX



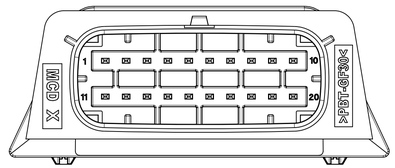
34830-08XX



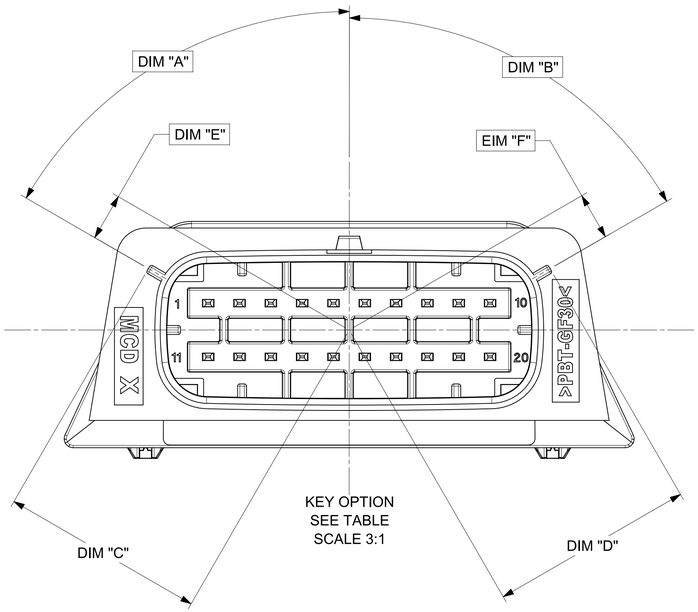
34830-12XX



34830-16XX



34830-20XX



MATERIAL NUMBER		DESCRIPTION	KEY CODING	COLOR	DIMENSION											STATUS
SOLDERTAIL	CONTACT AREA PLATING TYPE				A	B	C	D	E	F	G	H	J	K	L	SOLDERTAIL
348300401	Sn	2x2 WAY HEADER	A	BLACK	60°	60°	10.75	10.75	1.73	1.73	4.53	13.24	36.83	13.54	17.50	DESIGN CONCEPT
348300402			B	LT GRAY	40°	60°	11.16	10.75	0.57	1.73						
348300403			C	DK GRAY	60°	40°	10.75	11.16	1.73	0.57						
348300404			D	BLACK	40°	40°	11.16	11.16	0.57	0.57						
348300601	Sn	2x3 WAY HEADER	A	BLACK	60°	60°	12.27	12.27	0.86	0.86	8.03	16.74	40.33	17.04	21.00	DESIGN CONCEPT
348300602			B	LT GRAY	25°	60°	11.93	12.27	1.94	0.86						
348300603			C	DK GRAY	60°	25°	12.27	11.93	0.86	1.94						
348300604			D	BLACK	25°	25°	11.93	11.93	1.94	1.94						
348300801	Sn	2x4 WAY HEADER	A	BLACK	60°	60°	13.78	13.78	0.02	0.02	11.53	20.24	43.83	20.54	24.50	SALEABLE
348300802			B	LT GRAY	25°	60°	12.67	13.78	3.53	0.02						
348300803			C	DK GRAY	60°	25°	13.78	12.67	0.02	3.53						
348300804			D	BLACK	25°	25°	12.67	12.67	3.53	3.53						
348300805			B	LT GRAY-1	25°	60°	12.67	13.78	3.53	0.02						DESIGN CONCEPT
348300806			D	STONE GRAY	25°	25°	12.67	12.67	3.53	3.53						
348300851	Au		A	BLACK	60°	60°	13.78	13.78	0.02	0.02						SALEABLE
348300852			B	LT GRAY-1	25°	60°	12.67	13.78	3.53	0.02						DESIGN CONCEPT
348300853			C	DK GRAY	60°	25°	13.78	12.67	0.02	3.53						
348300854			D	STONE GRAY	25°	25°	12.67	12.67	3.53	3.53						
348301201	Sn	2x6 WAY HEADER	A	BLACK	60°	60°	16.81	16.81	1.77	1.77	18.53	27.24	50.83	27.54	31.50	DESIGN CONCEPT
348301202			B	LT GRAY	25°	60°	14.14	16.81	6.70	1.77						
348301203			C	DK GRAY	60°	25°	16.81	14.14	1.77	6.70						
348301204			D	BLACK	25°	25°	14.14	14.14	6.70	6.70						
348301601	Sn	2x8 WAY HEADER	A	BLACK	60°	60°	19.85	19.85	3.52	3.52	25.53	34.24	57.83	34.54	38.50	DESIGN CONCEPT
348301602			B	LT GRAY	25°	60°	15.62	19.85	9.87	3.52						
348301603			C	DK GRAY	60°	25°	19.85	15.62	3.52	9.87						
348301604			D	BLACK	25°	25°	15.62	15.62	9.87	9.87						
348302001	Sn	2x10 WAY HEADER	A	BLACK	60°	60°	22.88	22.88	5.27	5.27	32.53	41.24	64.83	41.54	45.50	SALEABLE
348302002			B	LT GRAY	25°	60°	17.10	22.88	13.05	5.27						
348302003			C	DK GRAY	60°	25°	22.88	17.10	5.27	13.05						
348302004			D	BLACK	25°	25°	17.10	17.10	13.05	13.05						
348302006			B	NATURAL	25°	60°	17.10	22.88	13.05	5.27						
348302007			D	LT GARY	25°	25°	17.10	17.10	13.05	13.05						

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3'
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CORRECTED DESCRIPTION ERROR IN SHEET 3 TABLE FOR 2X6 & 2X8 HEADER REMOVE OBSOLETE EON VERSION PRODUCT INFORMATION(SERIES NUMBER 34829)

STATUS: Production
DRWN: Yu Chao Fu 2025-03-06
CHK'D: Fan Bai 2025-03-24
APPR: Elvis Song 2025-03-25

THIRD ANGLE PROJECTION

molex

MX150 DUAL ROW
R/A HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

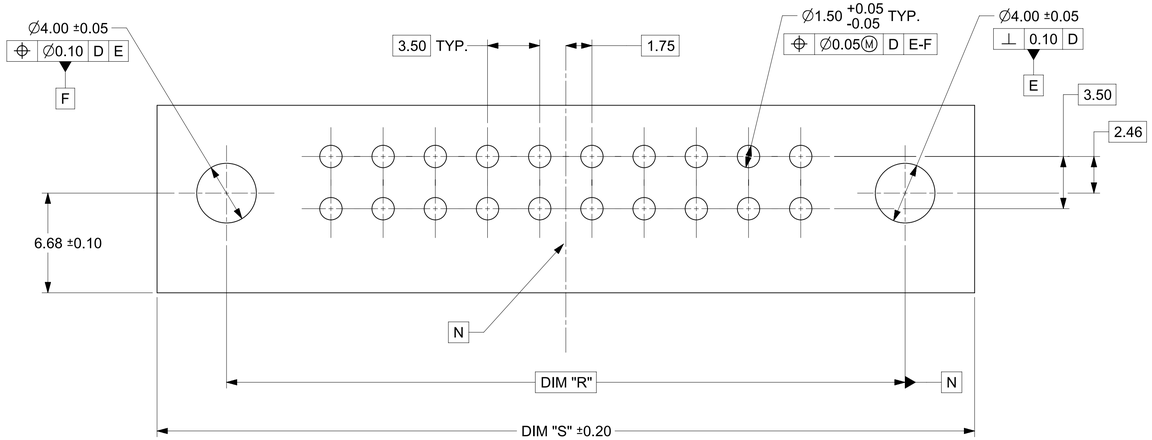
DRAWING	SERIES
D-SIZE	34829

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34829-001	PSD	001	A6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE TABLE	GENERAL MARKET	2 OF 3

A6

PCB INTERFACE
(FOR REFERENCE ONLY)



PCB LAYOUT FOR SOLDERTAIL
TOWARD HARNESS CONNECTOR



DESCRIPTION	DIMENSIONS		
	R	S	T
2X2 HEADER	17.50	26.82	8.61
2X3 HEADER	21.00	30.32	10.36
2X4 HEADER	24.50	33.82	12.11
A6 2X6 HEADER	31.50	40.82	15.61
A6 2X8 HEADER	38.50	47.82	19.11
2X10 HEADER	45.50	54.82	22.61

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

FUNCTIONAL SYMBOLS
FA = 0
FC = 0
FP = 0
DIVISIONAL SYMBOLS

DIMENSION UNITS	SCALE
mm	5:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 3'
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.130
1 PLACE	± 0.25
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: CORRECTED DESCRIPTION ERROR IN SHEET 3 TABLE FOR 2X6 & 2X8 HEADER REMOVE OBSOLETE EON VERSION PRODUCT INFORMATION(SERIES NUMBER 34829)

STATUS: Production
DRWN: Yu Chao Fu 2025-03-06
CHK'D: Fan Bai 2025-03-24
APPR: Elvis Song 2025-03-25

THIRD ANGLE PROJECTION | DRAWING: D-SIZE | SERIES: 34829

molex

MX150 DUAL ROW
R/A HEADER ASSEMBLY

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
SD-34829-001	PSD	001	A6

MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE SHEET 2	GENERAL MARKET	3 OF 3