

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0009017031](#)
Status: **Active**
Overview: [edge_card_connectors](#)
Description: 3.96mm (.156") Pitch KK® Crimp Housing, Edge Card Connector, Single-Sided, Surface Mount, Polarized, With Flange, 3 Circuits

Documents:

[3D Model](#) [Packaging Specification \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family Edge Card Connectors
Series [2574](#)
Component Type Edgecard to Wire
Overview [edge_card_connectors](#)
Product Name Edge Card, KK®

Physical

Circuits (Loaded) 3
Circuits (maximum) 3
Circuits Detail All Signal
Color - Resin Natural
Durability (mating cycles max) 25
Entry Angle Vertical (Top Entry)
Flammability 94V-2
Keying to Mating Part N/A
Material - Plating Mating n/a
Material - Resin Nylon
PCB Retention None
PCB Thickness Recommended (in) 0.062 In
PCB Thickness Recommended (mm) 1.60 mm
Packaging Type Bag
Panel Mount With Flange
Pitch - Mating Interface (in) 0.156 In
Pitch - Mating Interface (mm) 3.96 mm
Polarized to Mating Part Yes
Temperature Range - Operating 0°C to +75°C
Termination Interface: Style N/A

Electrical

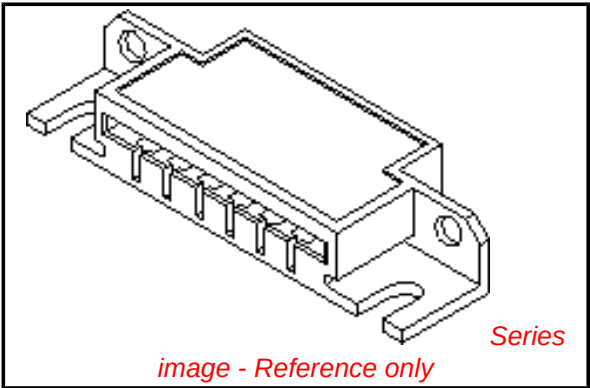
Current - Maximum per Contact 4.25A, 4.5A, 4.75A, 4A, 5A
Voltage - Maximum 250V

Material Info

Old Part Number 2574-03B1

Reference - Drawing Numbers

Packaging Specification PK-2574-001
Sales Drawing SD-2574



EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of
Compliance, [click here](#)

Please visit the [Contact Us](#) section for any
non-product compliance questions.

Search Parts in this Series
[2574Series](#)

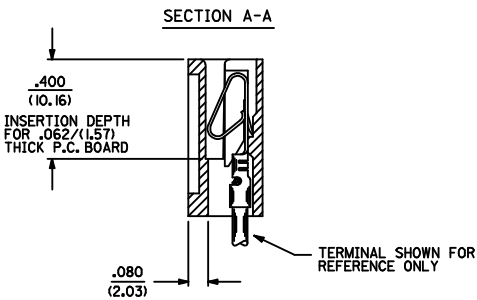
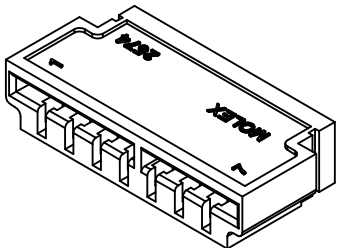
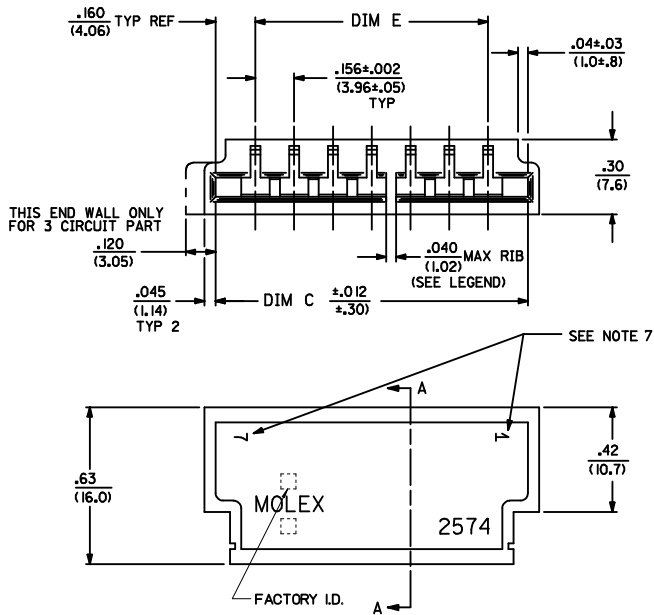
Mates With
PCB, 1.6mm (0.62") max. thickness

Use With
[2878](#) Terminals, [2478](#) Terminals, [2578](#)
Terminals, Bifurcated

20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

NOTES:

1. MATERIAL: NYLON 6/6, 94V-2.
2. FINISH: SEE CRIMP TERMINAL DRAWING.
3. THIS PRODUCT CONFORMS TO PRODUCT SPECIFICATION PS-08-50.
4. PACKAGING: BULK PER PK-2574-001
5. CONNECTOR TO BE USED WITH CRIMP TERMINALS:
2478-* 18-24 GAGE WIRE; .110/(2.79) MAX. INSULATION DIAMETER.
2578-* 22-26 GAGE WIRE; .065/(1.65) MAX. INSULATION DIAMETER.
6. DIMENSIONS GIVEN ACROSS CENTERLINES ARE SYMMETRICAL ABOUT THOSE CENTERLINES WITHIN ONE HALF THE TOTAL TOLERANCE.
7. PARTS LESS THAN 7 CIRCUITS ARE TO INDICATE ONLY CIRCUIT NO. 1. ALL OTHERS ARE TO IDENTIFY BOTH THE FIRST AND LAST CIRCUITS.
8. PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002



2574 - N * * *

NO. OF CIRCUITS

COLOR CODE
BLANK=NATURAL
BK=BLACK

OPTION CODE

CODE	MOUNTING EARS	CHAMFERED SLOT	PCB THK	MOUNTING HOLES
A	NO	NO	.062	NO
B	YES	NO	.062	NO
C	NO	YES	.062	NO
D	YES	YES	.062	NO
E	NO	NO	.032	NO
F	YES	NO	.062	YES

RIB LOCATION CODE (BETWEEN CKTS)

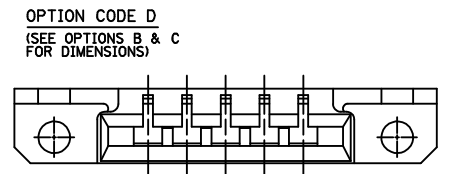
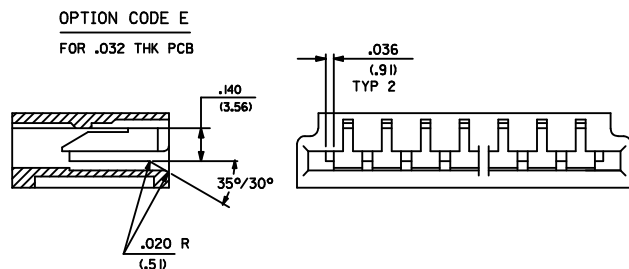
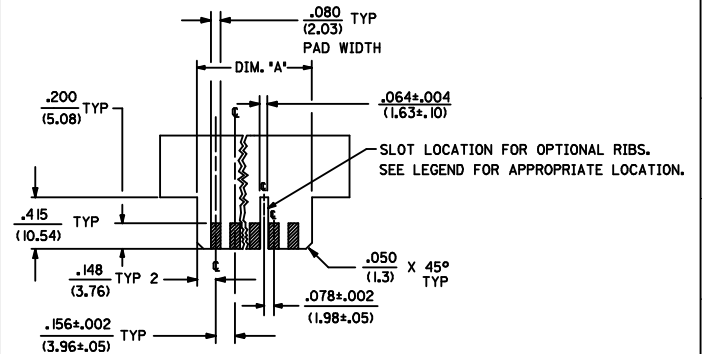
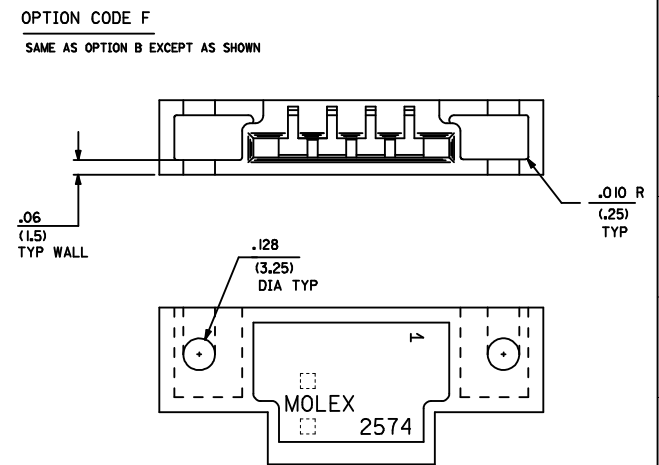
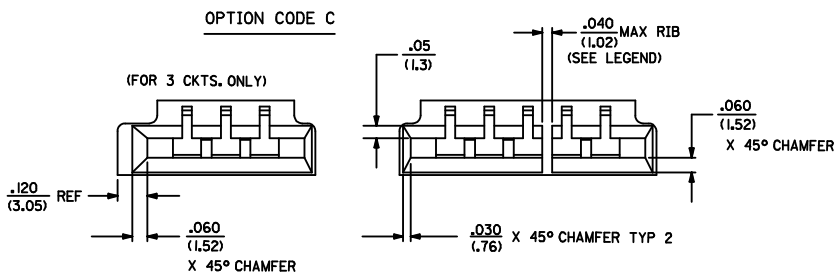
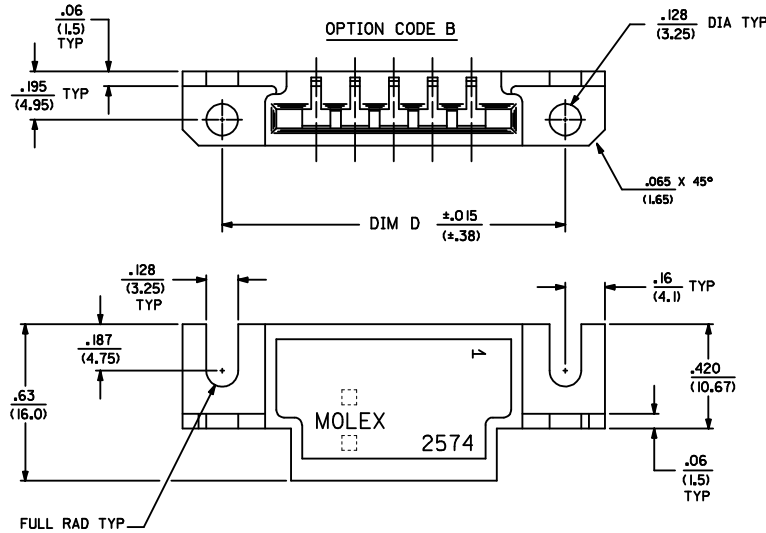
1 = NONE
2 = 2-3
3 = 3-4
4 = 5-6
5 = 3-4, 5-6
6 = 4-5, 7-8
7 = 5-6, 8-9
8 = 5-6, 10-11
9 = 4-5, 7-8, 11-12
10 = 5-6, 10-11, 14-15
11 = 5-6, 10-11, 15-16
12 = 5-6, 11-12, 16-17
13 = 5-6, 11-12, 17-18
14 = 4-5, 7-8, 11-12, 15-16
15 = 4-5, 8-9, 12-13, 16-17, 20-21
16 = 5-6, 11-12, 18-19

3	C10
2	C10
1	C10
SA	REV.

ADD PART NUMBERS DEC NO: UCP2009-0858 DRAWN BY: PEREZ-ARGUET CHECKED BY: PATEL APPROVED BY: LENZ DATE: 2008/12/29 DATE: 2008/12/30 DATE: 2009/01/05	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		DRAWN BY: PEREZ-ARGUET DATE: 1988/03/02		TITLE EDGE CARD CONNECTOR .156/(3.96) CENTERS CRIMP TYPE-2574 SERIES			
		3 PLACES ± --- ± .010		CHECKED BY: PATEL DATE: 1988/03/02		MOLEX INCORPORATED			
		2 PLACES ± 0.25 ± .015		APPROVED BY: LENZ DATE: 1988/03/02		MATERIAL NO. SEE CHART DOCUMENT NO. SD-2574			
1 PLACE ± 0.36 ± ---		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

NO. OF CKT'S	DIM. C	DIM. D	DIM. E	DIM. A
3	.632 (16.05)	1.143 (29.03)	.312±.002 (7.92±.05)	.618 (15.70)
4	.788 (20.02)	1.224 (31.09)	.468±.002 (11.89±.05)	.774 (19.66)
5	.944 (23.98)	1.380 (35.05)	.624±.003 (15.85±.08)	.922 (23.42)
6	1.100 (27.94)	1.536 (39.01)	.780±.003 (19.81±.08)	1.078 (27.38)
7	1.256 (31.90)	1.692 (42.98)	.936±.003 (23.77±.08)	1.232 (31.29)
8	1.412 (35.86)	1.848 (46.94)	1.092±.004 (27.74±.10)	1.388 (35.26)
9	1.568 (39.83)	2.004 (50.90)	1.248±.004 (31.70±.10)	1.544 (39.22)
10	1.724 (43.79)	2.160 (54.86)	1.404±.006 (35.66±.15)	1.700 (43.18)
11	1.880 (47.75)	2.316 (58.83)	1.560±.006 (39.62±.15)	1.854 (47.09)
12	2.036 (51.71)	2.472 (62.79)	1.716±.006 (43.59±.15)	2.010 (51.05)
13	2.192 (55.68)	2.628 (66.75)	1.872±.006 (47.55±.15)	2.164 (54.97)
14	2.348 (59.64)	2.784 (70.71)	2.028±.007 (51.51±.18)	2.318 (58.88)
15	2.504 (63.60)	2.940 (74.68)	2.184±.007 (55.47±.18)	2.474 (62.84)
16	2.660 (67.56)	3.096 (78.64)	2.340±.007 (59.44±.18)	2.631 (66.83)
17	2.816 (71.53)	3.252 (82.60)	2.496±.008 (63.40±.20)	2.784 (70.71)
18	2.972 (75.49)	3.408 (86.56)	2.652±.009 (67.36±.23)	2.954 (75.03)
19	3.128 (79.45)	3.564 (90.53)	2.808±.009 (71.32±.23)	3.095 (78.61)
20	3.284 (83.41)	3.720 (94.49)	2.964±.009 (75.29±.23)	3.251 (82.58)
21	3.440 (87.38)	3.876 (98.45)	3.120±.010 (79.25±.25)	3.407 (86.54)
22	3.596 (91.34)	4.032 (102.41)	3.276±.011 (83.21±.25)	3.562 (90.47)
23	3.752 (95.30)	4.188 (106.38)	3.432±.011 (87.17±.28)	3.716 (94.39)
24	3.908 (99.26)	4.344 (110.34)	3.588±.012 (91.14±.30)	3.871 (98.32)



REVISE FACTORY ID.		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO. UCP2009-0858		DRAWN BY PEREZ-ARGUET		mm		IN/MM		---		INCH		---	
2008/12/29		CHECKED BY PATEL		4 PLACES ± ---		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02	
2008/12/30		APPROVED BY LENZ		3 PLACES ± ---		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02	
2009/01/05		MATERIAL NO. SD-2574		2 PLACES ± 0.13		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02	
C10		SIZE D		1 PLACE ± 0.25		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02		DATE 1988/03/02	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±1/2°		SEE CHART		SD-2574		MOLEX INCORPORATED		2 OF 3	

	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	
	2574-NA*		2574-NB*		2574-NC*		2574-ND*		2574-NE*		2574-NF*										
M	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	PART NO.	ENG. NO. (SUFFIX ONLY)	M
	09-01-6031	-3A1	09-01-7031	-3B1	09-01-6038	-3C1					09-01-7065	-6F1-BK					09-01-7087	-8F1-BK			
	09-01-6041	-4A1	09-01-7041	-4B1	009-01-6048	-04C1					09-01-7087	-8F1-BK									
	09-01-6051	-5A1	09-01-7051	-5B1	09-01-6088	-08C1															
	09-01-6064	-6A1	09-01-7064	-6B1		-20C1															
	09-01-6081	-8A1	09-01-7081	-8B1																	
L		-8A1D	09-01-7069	-6B1D																	L
	09-01-6055	-5A2		-8B1D																	
	09-01-6061	-6A2	09-01-7061	-6B2																	
	09-01-6085	-8A2	09-01-7085	-8B2																	
	09-01-6095	-9A2	09-01-7095	-9B2																	
	09-01-6071	-7A3	09-01-7071	-7B3																	
K	09-01-6086	-8A3	09-01-7086	-8B3																	K
	09-01-6083	-8A4	09-01-7083	-8B4																	
	09-01-6094	-9A4	09-01-7094	-9B4																	
	09-01-6091	-9A5	09-01-7091	-9B5																	
	09-01-6101	-10A6	09-01-7101	-10B6																	
	09-01-6121	-12A7	09-01-7121	-12B7																	
	09-01-6129	-12A4	09-01-7129	-12B4																	
J	09-01-6181	-18A8	09-01-7181	-18B8																	J
	09-01-6151	-15A9	09-01-7151	-15B9																	
	09-01-6161	-16A9	09-01-7161	-16B9																	
	09-01-6171	-17A10	09-01-7171	-17B10																	
	09-01-6211	-21A11	09-01-7211	-21B11																	
	09-01-6224	-22A12	09-01-7224	-22B12																	
I	09-01-6221	-22A13	09-01-7221	-22B13																	I
	09-01-6191	-19A14	09-01-7191	-19B14																	
	09-01-6241	-24A15	09-01-7241	-24B15																	
	09-01-7222	-22A16		-6B1-BK																	
H																					H
G																					G
F																					F
E																					E
D																					D
C																					C
B																					B
A																					A

ADD PART NUMBERS
DEC NO: UCP2009-0858
DRAWN BY: PEREZ-ARGUET
CHKD BY: SSOUSEK
APPR: FSW1TH
2008/12/29
2008/12/30
2009/01/05

QUALITY SYMBOLS
=0
=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± --- ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY: PEREZ-ARGUET
DATE: 1988/03/02
CHECKED BY: PATEL
DATE: 1988/03/02
APPROVED BY: LENZ
DATE: 1988/03/02

SCALE

DESIGN UNITS
INCH

THIRD ANGLE PROJECTION

TITLE
EDGE CARD CONNECTOR
.156/(3.96) CENTERS
CRIMP TYPE-2574 SERIES

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SD-2574

SHEET NO.
3 OF 3

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX
INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1b_frame_D_P_ME_T
Rev. D 2004/04/02