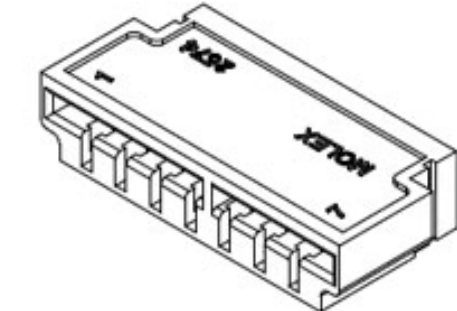


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0009016091
Status: Active
Overview: edge_card_connectors
Description: 3.96mm (.156") Pitch KK® Crimp Housing, Edge Card Connector, Single-Sided, Surface Mount, Polarized, Without Flange, 9 Circuits, Rib between 3 & 4, 5 & 6



Series

image - Reference only

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) 9
Circuits (maximum) 9
Circuits Detail All Signal
Color - Resin Natural
Durability (mating cycles max) 25
Entry Angle Vertical (Top Entry)
Flammability 94V-2
Keying to Mating Part Yes
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 Without 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 2574-09A5

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



Not Reviewed

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

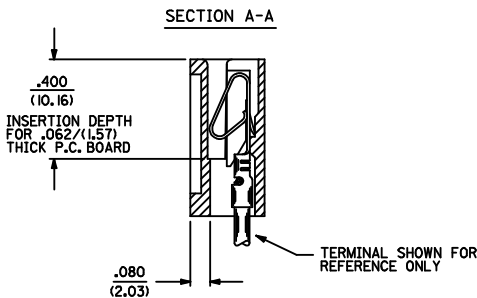
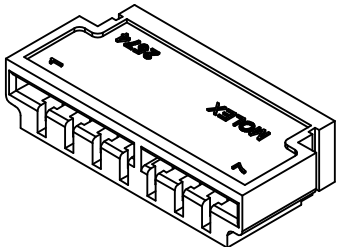
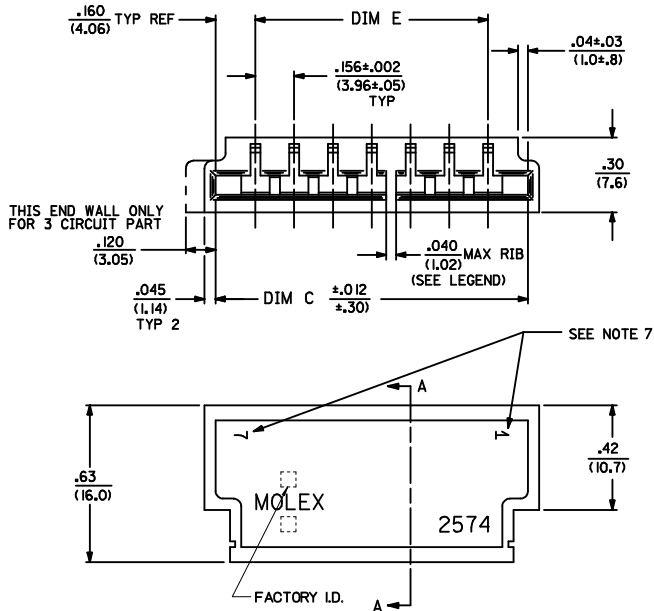
Mates With
PCB, 1.6mm (0.62") max. thickness

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

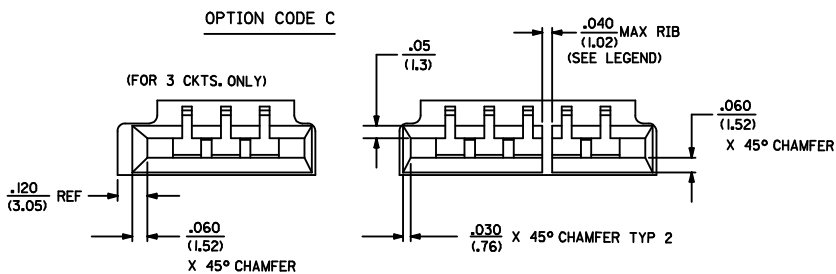
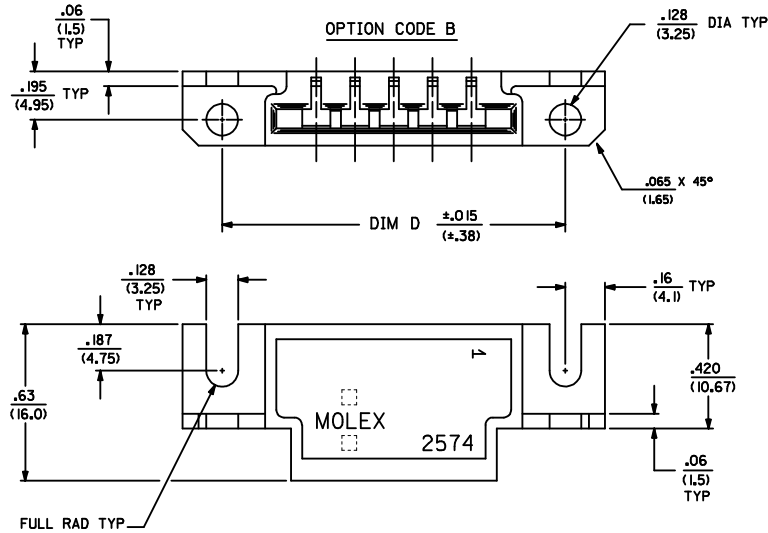
3	C10
2	C10
1	C10

SAI REV.

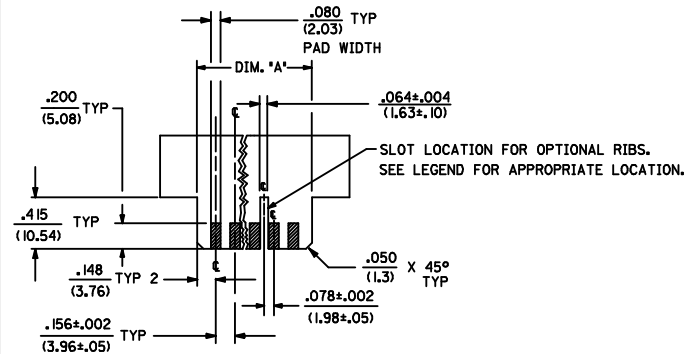
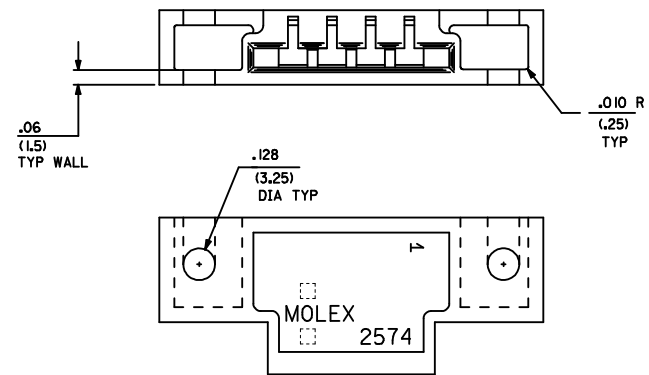
ADD PART NUMBERS DEC NO: UCP2009-0858 DRAWN BY: PEREZ-ARGUET CHECKED BY: PATEL APPROVED BY: LENZ DATE: 2008/12/29 DATE: 1988/03/02 DATE: 1988/03/02 DATE: 1988/03/02 C10	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°		DRAWN BY PEREZ-ARGUET DATE 1988/03/02		TITLE EDGE CARD CONNECTOR .156/(3.96) CENTERS CRIMP TYPE-2574 SERIES		MATERIAL NO. SD-2574	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		APPROVED BY LENZ DATE 1988/03/02		DOCUMENT NO. SD-2574		SHEET NO. 1 OF 3	
		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

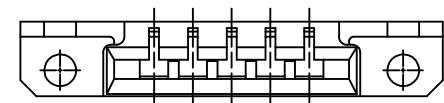
NO. OF CKT'S	DIM. C	DIM. D	DIM. E	DIM. A
3	.632 (16.05)	1.143 (29.03)	.312±.002 (7.92±.05)	.618 (15.70)
4	.788 (20.02)	1.224 (31.09)	.468±.002 (11.89±.05)	.774 (19.66)
5	.944 (23.98)	1.380 (35.05)	.624±.003 (15.85±.08)	.922 (23.42)
6	1.100 (27.94)	1.536 (39.01)	.780±.003 (19.81±.08)	1.078 (27.38)
7	1.256 (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)



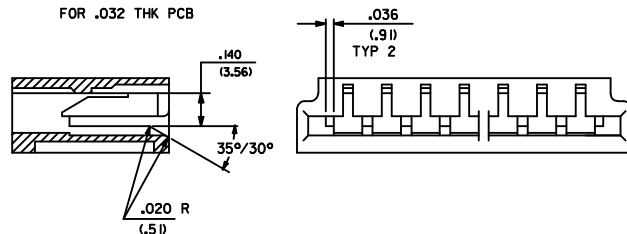
OPTION CODE F
SAME AS OPTION B EXCEPT AS SHOWN



OPTION CODE D
(SEE OPTIONS B & C
FOR DIMENSIONS)



OPTION CODE E
FOR .032 THK PCB



REVISE FACTORY ID: IEC NO: UCP2009-0858 DRAWN BY: PEREZ-ARGUET CHECKED BY: PEREZ-ARGUET APPROVED BY: PEREZ-ARGUET DATE: 2008/12/29 DATE: 2008/12/29 DATE: 2009/01/05		QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table><thead><tr><th></th><th>mm</th><th>INCH</th></tr></thead><tbody><tr><td>4 PLACES ±</td><td>---</td><td>---</td></tr><tr><td>3 PLACES ±</td><td>---</td><td>---.005</td></tr><tr><td>2 PLACES ±</td><td>0.13</td><td>±.01</td></tr><tr><td>1 PLACE ±</td><td>0.25</td><td>---</td></tr></tbody></table> ANGULAR ±1/2°		mm	INCH	4 PLACES ±	---	---	3 PLACES ±	---	---.005	2 PLACES ±	0.13	±.01	1 PLACE ±	0.25	---	DIMENSION STYLE IN/MM DRAWN BY: PEREZ-ARGUET DATE: 1988/03/02 CHECKED BY: PEREZ-ARGUET DATE: 1988/03/02 APPROVED BY: PEREZ-ARGUET DATE: 1988/03/02	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	EDGE CARD CONNECTOR .156(3.96) CENTERS CRIMP TYPE-2574 SERIES
	mm	INCH																			
4 PLACES ±	---	---																			
3 PLACES ±	---	---.005																			
2 PLACES ±	0.13	±.01																			
1 PLACE ±	0.25	---																			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-2574	SHEET NO. 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: FSW TH

2008/12/29
2008/12/30
2009/01/05

REV
C10

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
CHECKED BY: PATEL
APPROVED BY: LENZ
DATE: 1988/03/02

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

SIZE
D

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

MOLEX INCORPORATED

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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1b_frame_D_P_ME_T
Rev. D 2004/04/02