

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0009017171](#)
Status: **Active**
Overview: [edge_card_connectors](#)
Description: 3.96mm (.156") Pitch KK® Crimp Housing, Edge Card Connector, Single-Sided, Surface Mount, Polarized, With Flange, 17 Circuits, Rib between 5 & 6, 10 & 11, 14 & 15

Documents:

3D Model	Packaging Specification (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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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)	17
Circuits (maximum)	17
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	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	2574-17B10
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Reference - Drawing Numbers

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

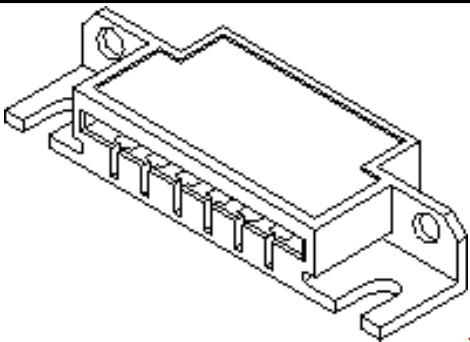


image - Reference only

Series

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

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

M

L

K

J

I

H

G

F

E

D

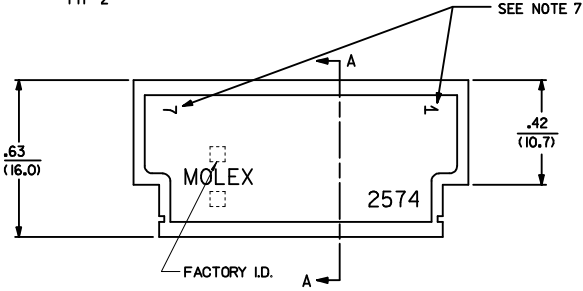
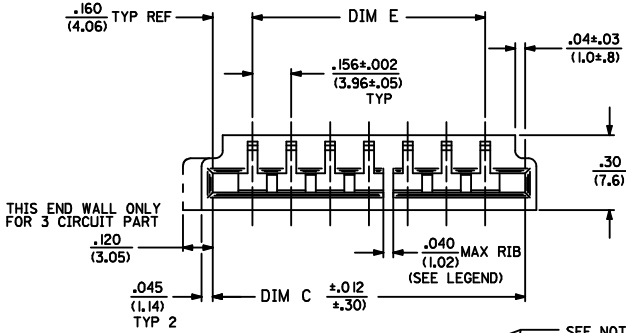
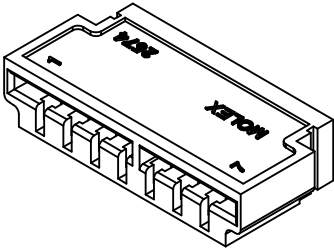
C

B

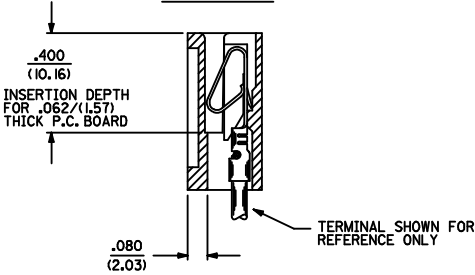
A

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



SECTION A-A



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

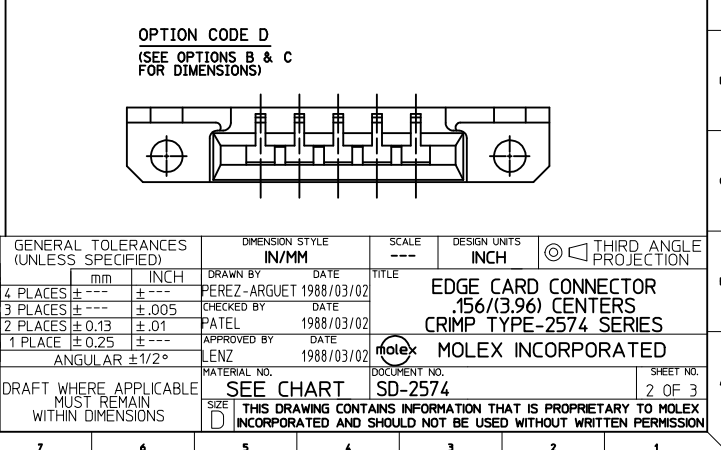
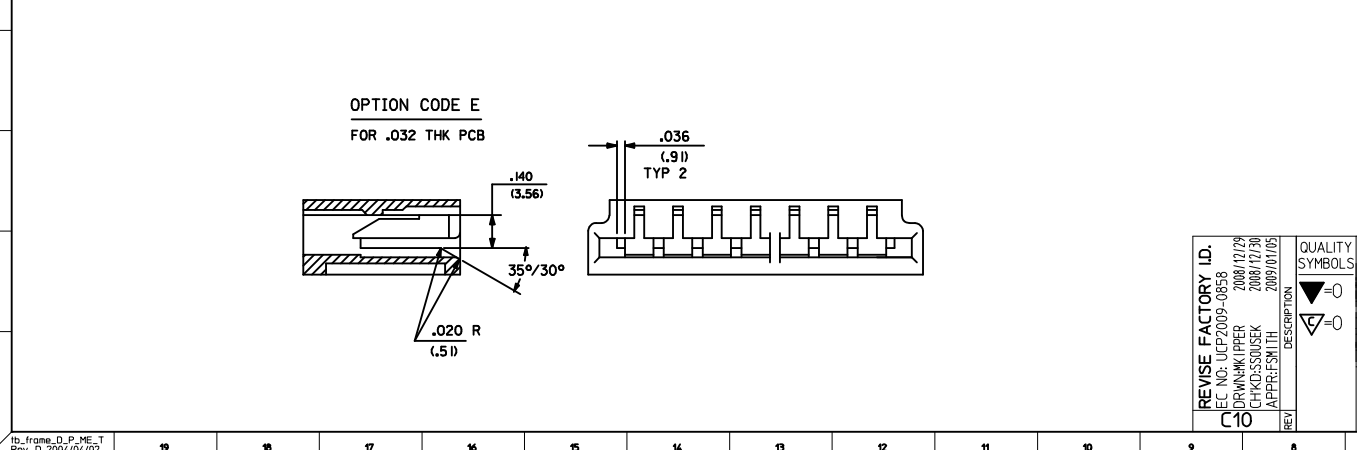
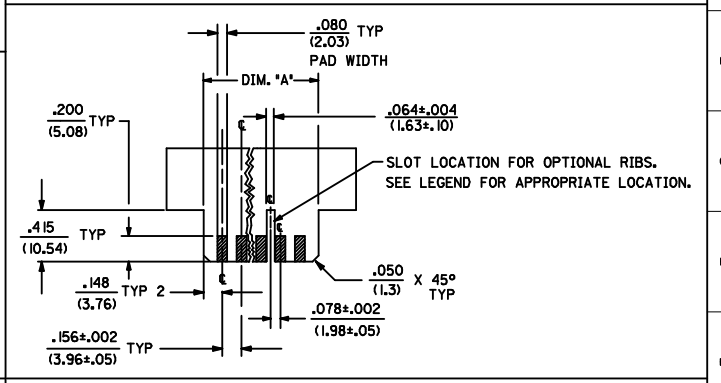
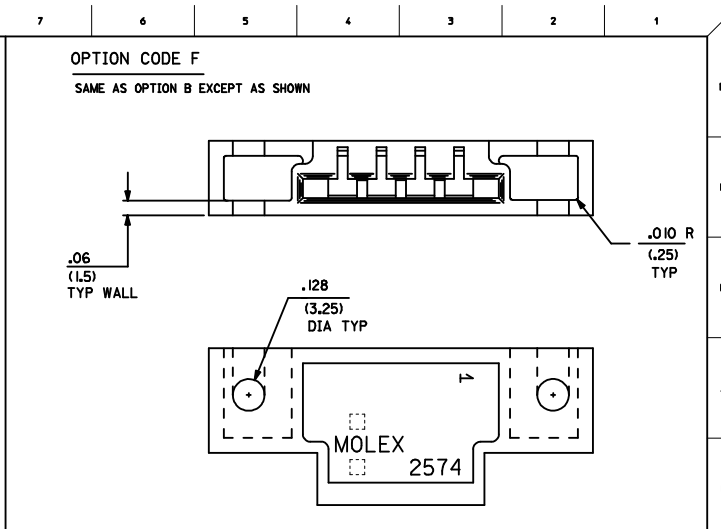
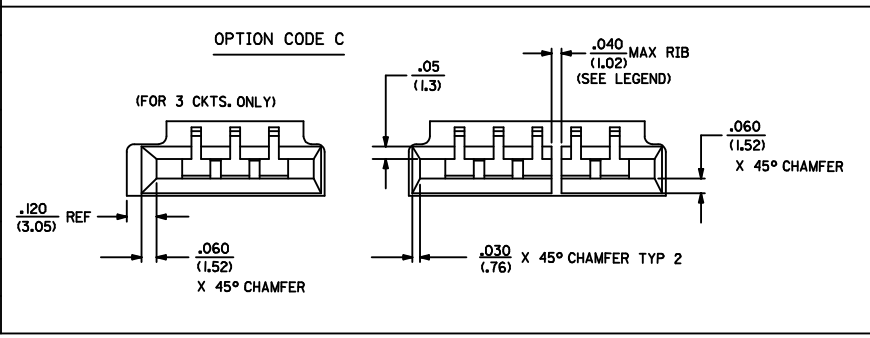
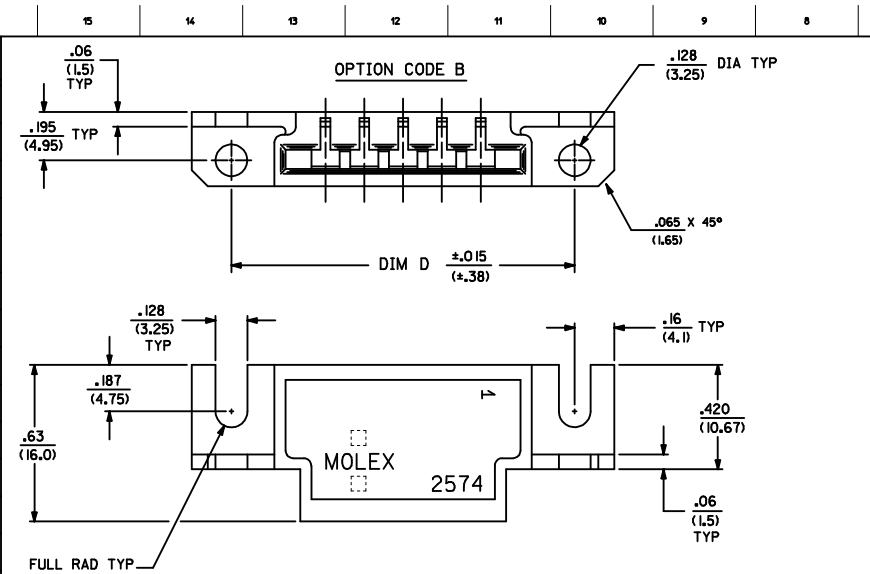
RIB LOCATION CODE (BETWEEN CKTS)

- 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

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

ADD PART NUMBERS EC NO. UCP2009-0658 DRAWN/PPR 2008/12/29 CHKD/SSJSEK 2008/12/30 APPR/FSMTH 2009/01/05	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .015 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°	DIMENSION STYLE IN/MM	SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	TITLE EDGE CARD CONNECTOR 156/(3.96) CENTERS CRIMP TYPE-2574 SERIES	
							MOLEX INCORPORATED	
							SD-2574	
							1 OF 3	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

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. EC NO. UCF2009-0658 DRAWN BY CHKD BY APPR BY C10	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---		DESIGN UNITS INCH		THIRD ANGLE PROJECTION	
		4 PLACES ± --- ± ---		3 PLACES ± --- ± .005		2 PLACES ± 0.13 ± .01		1 PLACE ± 0.25 ± ---		ANGULAR ±1/2°	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	

[illegible]