



161 Alden Road, Units 7 & 8, Markham, Ontario Canada L3R 3W7
 Tel: +1 416 754-3322 Fax: +1 416-754-3299
 Email: support@edac.net http://www.edac.net

ENGINEERING CHANGE NOTICE

Originator:	Wenyu Qin	Date:	Document Number
Phone No.	416-754-3322	May 13, 2026	ECN20260513-00
Email Address:	wqin@edacgroup.net	Revision Number	SHEET
Department	Quality	1	17

CHANGE TYPE:

- CLASS I Customer notification and approval required prior to implementation
- CLASS II Customer notification only, no approval required
- CLASS III No customer notification required

REASON OF CHANGE

Specification added

DESCRIPTION OF CHANGE:

The drawings for the following pin header parts have been updated to add the pick and place cap dimensions:

- 140-502-417-011
- 140-503-417-011
- 140-504-417-011
- 140-505-417-011
- 140-506-417-011
- 140-507-417-011
- 140-508-417-011
- 140-509-417-011
- 140-510-417-011
- 140-511-417-011
- 140-512-417-011
- 140-513-417-011
- 140-514-417-011
- 140-515-417-011
- 140-516-417-011

For detailed change information, please refer to Pages 2 to 17. Page 2 is shown as a redline example for the 3-pin position. All other pin positions follow the same pick and place cap dimensions.

IMPLEMENTATION: Running Change

PARTIES AFFECTED

- Customer
- Distributors
- Suppliers
- NORCOMP
- MH
- ETW
- ECA
- EDG
- EDAC UK

KEY TARGET DUE DATES IF CHANGE IS APPROVED TO PROCEED (check if applicable and show target dates as known)

- Submit Quote _____
- Prod. Trial Run _____
- Run at Rate _____
- PPAP from Supplier _____
- MRD of Production Parts _____
- UL / CSA / RoHS / REACH _____

ACKNOWLEDGEMENT FOR ECN INITIATION: (OPTIONALS)

- Tooling Rep _____
- Mfg Eng Rep _____
- Production Rep _____
- Materials Rep _____
- Quality Rep Wenyu Qin
- Marketing Rep Marco Lamanna
- Facilities Rep Esther Maroth
- Sales Rep _____
- Product Eng. Rep. _____
- Purchasing Rep _____

STATUS

APPROVED
 CCS CHANGE REQUEST #

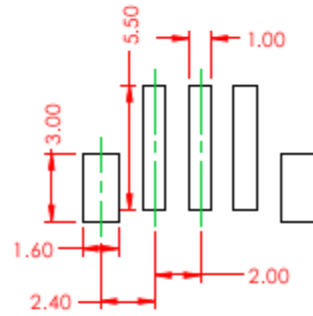
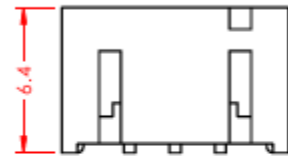
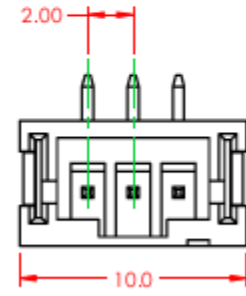
APPROVALS FOR ECN INITIATION (REQUIRED)

<input checked="" type="checkbox"/> General Manager	<input checked="" type="checkbox"/> Quality Engineer
<input checked="" type="checkbox"/> Engineering Manager	<input checked="" type="checkbox"/> Engineer
<input checked="" type="checkbox"/> Business Development Manager	

Ronnie Sta Monica
 K. Samuels
 5/26/26
 Wenyu Qin
 Jerico Sta. Monica

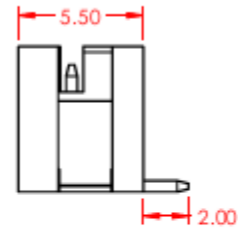
REJECTED
 Change REJECTED by:
 Rejected Date:

R2



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.



SPECIFICATIONS
 VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

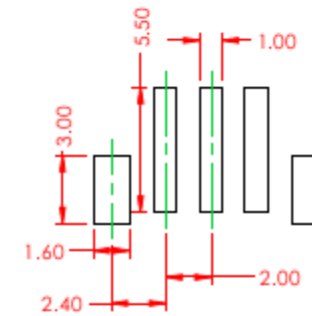
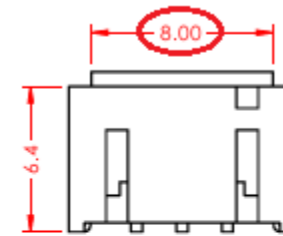
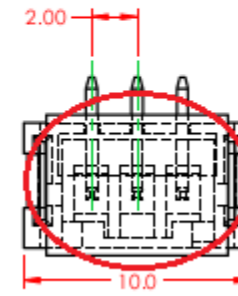
INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-503-210-011

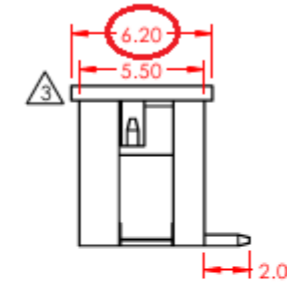
EDAC	DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
	DRAWN DATE	03/28/2020					
	CHECKED BY	R.S.M.					
	CHECK DATE	03/30/2020	PART NUMBER	140-503-417-011			
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A
		.X	±0.13		NOTES:		
		.XX	±0.25		REVISION		
		.XXX	±0.05		2		
		SCALE	3:1	SHEET	1	OF	1

R3



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M



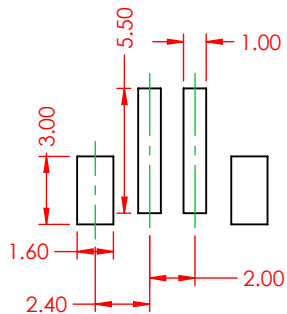
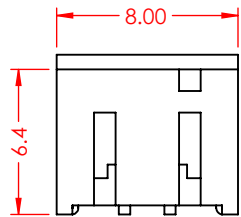
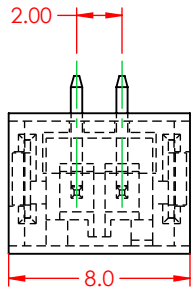
SPECIFICATIONS
 VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

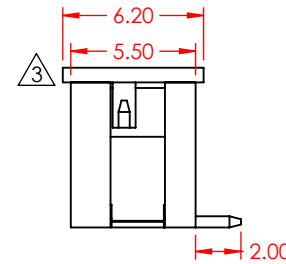
MATES WITH HOUSING: 140-503-210-011

EDAC	DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
	DRAWN DATE	03/28/2020					
	CHECKED BY	R.S.M.					
	CHECK DATE	05/12/2026	PART NUMBER	140-503-417-011			
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A
		.X	±0.13		NOTES:		
		.XX	±0.25		REVISION		
		.XXX	±0.05		3		
		SCALE	3:1	SHEET	1	OF	1



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M



SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

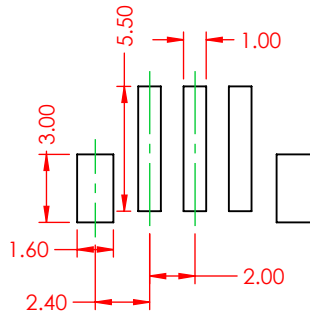
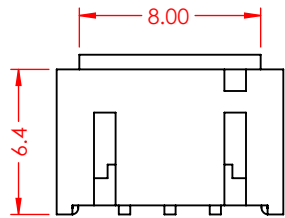
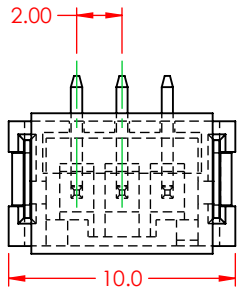
MATES WITH HOUSING: 140-502-210-011



RoHS
COMPLIANT

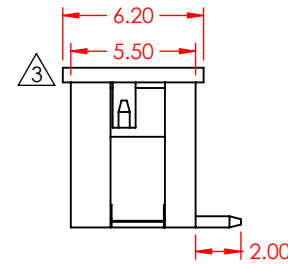
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-502-417-011		
CHECK DATE	05/12/2026				
TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM		MATERIAL	SIZE	A
	.X	±0.13	NOTES:		REVISION
	.XX	±0.25			3
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M



SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

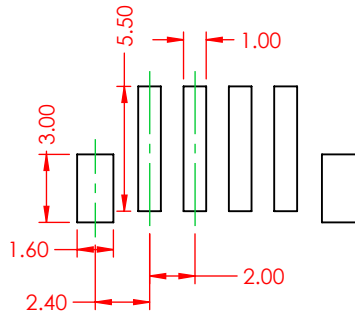
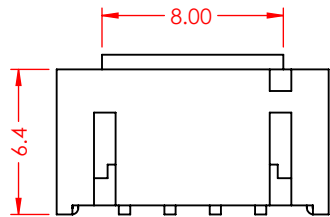
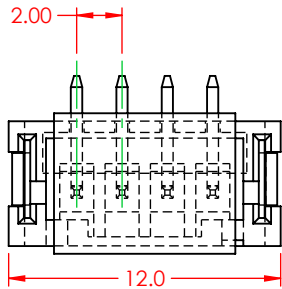
MATES WITH HOUSING: 140-503-210-011



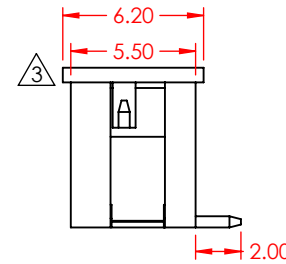
RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
DRAWN DATE	03/28/2020					
CHECKED BY	R.S.M.					
CHECK DATE	05/12/2026	PART NUMBER	140-503-417-011			
TOLERANCES		MATERIAL			SIZE	A
.X	±0.13	NOTES:			REVISION	
.XX	±0.25				3	
.XXX	±0.05				SCALE	3:1
ALL DIMENSIONS AND TOLERANCES IN MM						



RECOMMENDED PCB LAYOUT



REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

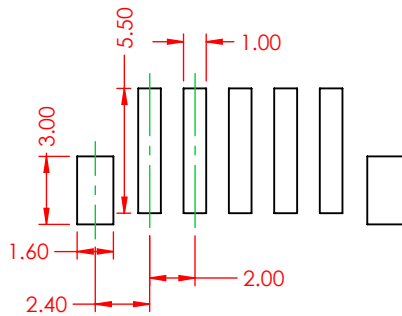
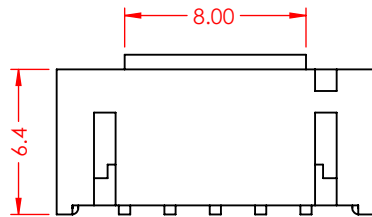
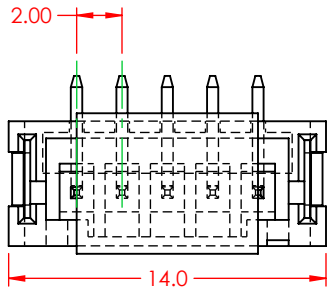
MATES WITH HOUSING: 140-504-210-011



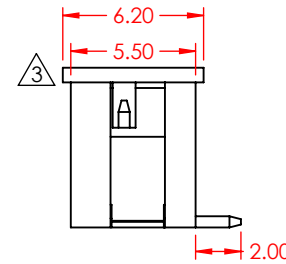
RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
DRAWN DATE	03/28/2020					
CHECKED BY	R.S.M.					
CHECK DATE	05/12/2026	PART NUMBER	140-504-417-011			
TOLERANCES		MATERIAL			SIZE	A
.X	±0.13	NOTES:			REVISION	
.XX	±0.25				3	
.XXX	±0.05				1 OF 1	
ALL DIMENSIONS AND TOLERANCES IN MM		SCALE	3:1	SHEET	1	OF 1



RECOMMENDED PCB LAYOUT



REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

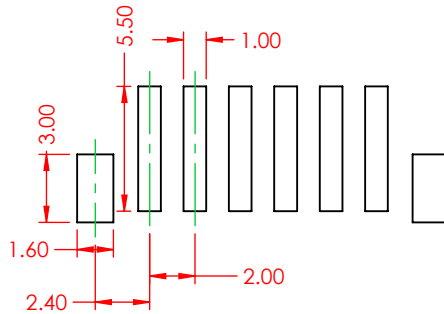
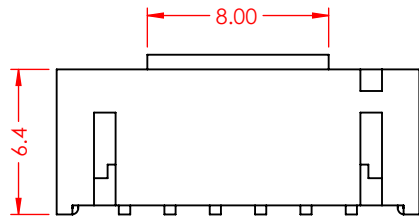
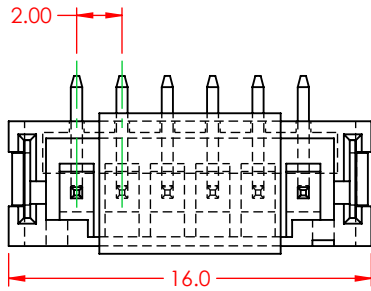
MATES WITH HOUSING: 140-505-210-011



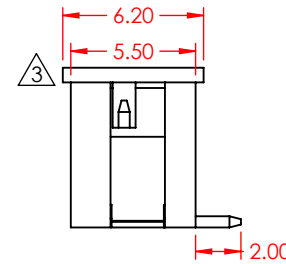
RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
DRAWN DATE	03/28/2020					
CHECKED BY	R.S.M.					
CHECK DATE	05/12/2026	PART NUMBER	140-505-417-011			
TOLERANCES		MATERIAL			SIZE	A
.X	±0.13	NOTES:			REVISION	
.XX	±0.25				3	
.XXX	±0.05				1 OF 1	
ALL DIMENSIONS AND TOLERANCES IN MM		SCALE	3:1	SHEET		



RECOMMENDED PCB LAYOUT



REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

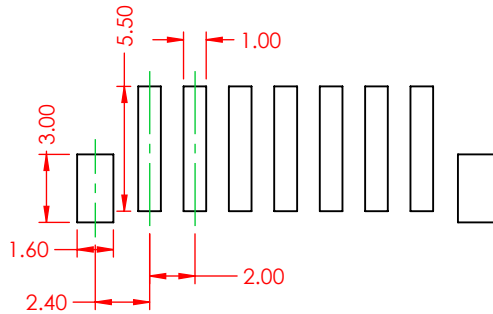
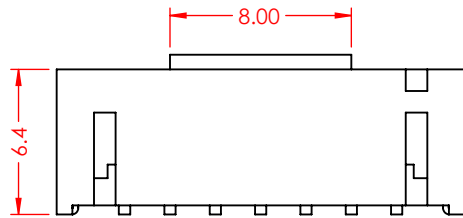
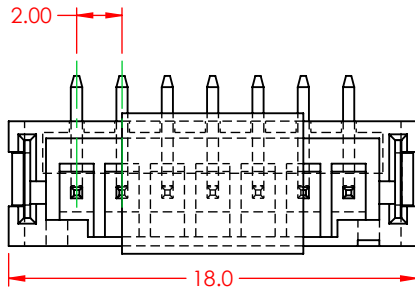
MATES WITH HOUSING: 140-506-210-011



RoHS
COMPLIANT

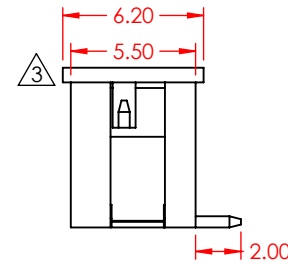
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-506-417-011		
CHECK DATE	05/12/2026				
TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM		MATERIAL	SIZE	A
	.X	±0.13	NOTES:	REVISION	
	.XX	±0.25		3	
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M



SPECIFICATIONS

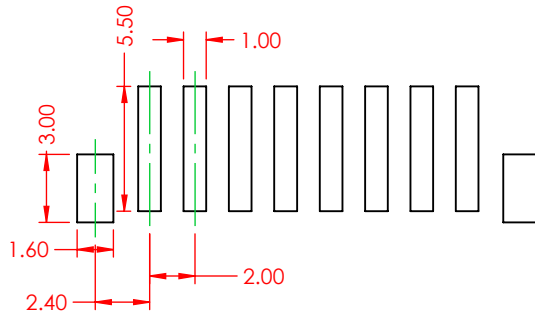
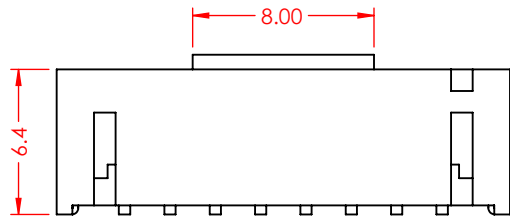
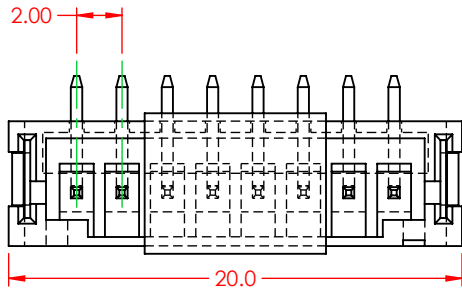
VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

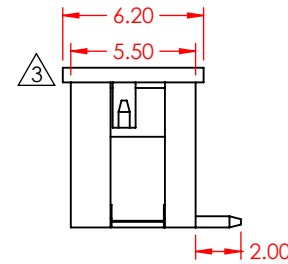
CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-507-210-011

	DRAWN BY		C.B.		140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT								
	DRAWN DATE		03/28/2020										
	CHECKED BY		R.S.M.		PART NUMBER	140-507-417-011							
	CHECK DATE		05/12/2026										
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.				TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL			SIZE	A	
					.X	±0.13		NOTES:				REVISION	
					.XX	±0.25						3	
					.XXX	±0.05		SCALE	3:1	SHEET	1	OF	1



RECOMMENDED PCB LAYOUT



REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

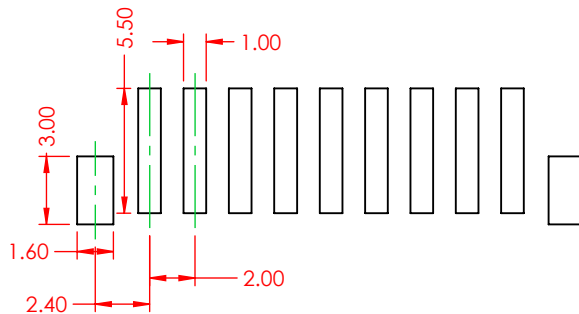
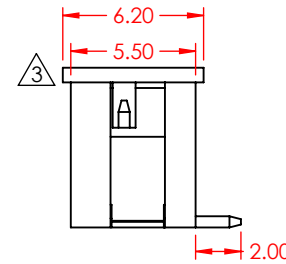
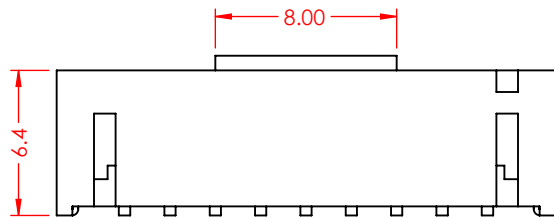
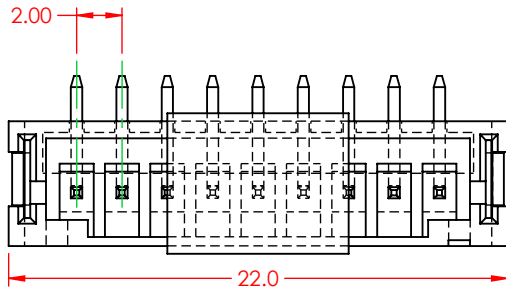
MATES WITH HOUSING: 140-508-210-011



RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-508-417-011		
CHECK DATE	05/12/2026				
TOLERANCES	ALL DIMENSIONS AND TOLERANCES IN MM		MATERIAL	SIZE	A
	.X	±0.13	NOTES:		REVISION
	.XX	±0.25			3
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

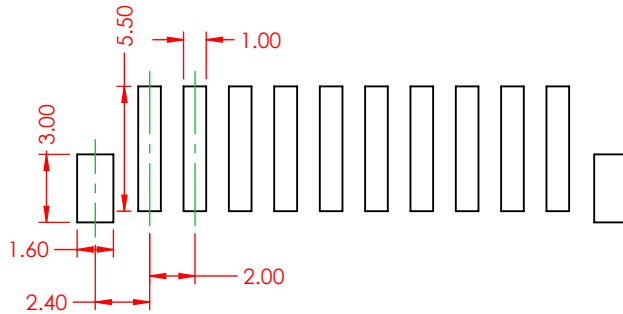
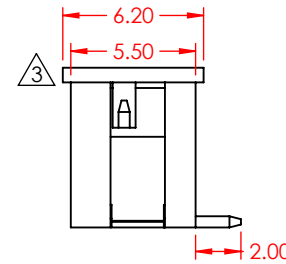
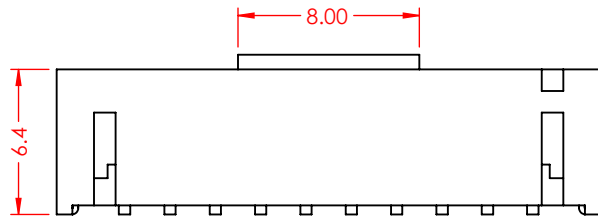
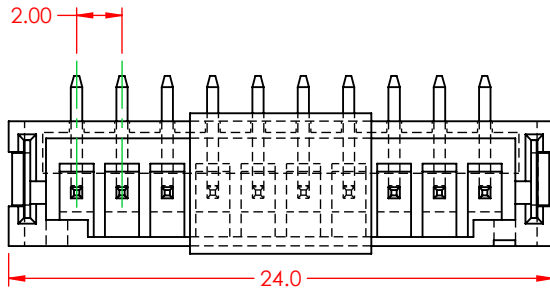
MATES WITH HOUSING: 140-509-210-011



RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT				
DRAWN DATE	03/28/2020					
CHECKED BY	R.S.M.					
CHECK DATE	05/12/2026	PART NUMBER	140-509-417-011			
TOLERANCES		MATERIAL			SIZE	A
.X	±0.13	NOTES:			REVISION	
.XX	±0.25				3	
.XXX	±0.05				1 OF 1	
ALL DIMENSIONS AND TOLERANCES IN MM		SCALE	3:1	SHEET	1	OF 1



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-510-210-011

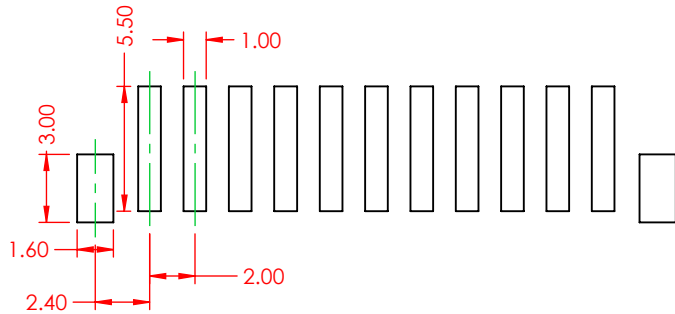
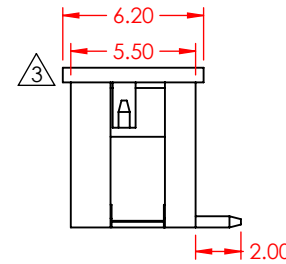
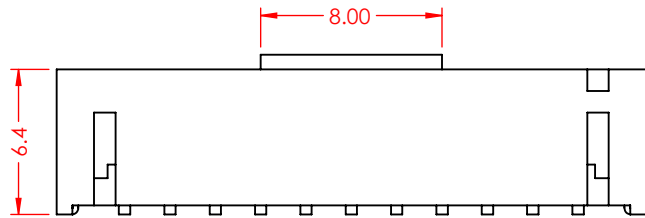
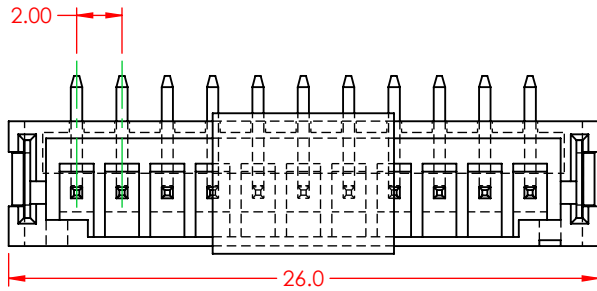


RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-510-417-011		
CHECK DATE	05/12/2026				
TOLERANCES		MATERIAL	NOTES:	SIZE	A
.X	±0.13			REVISION	
.XX	±0.25				
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1

ALL DIMENSIONS AND TOLERANCES IN MM



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-511-210-011

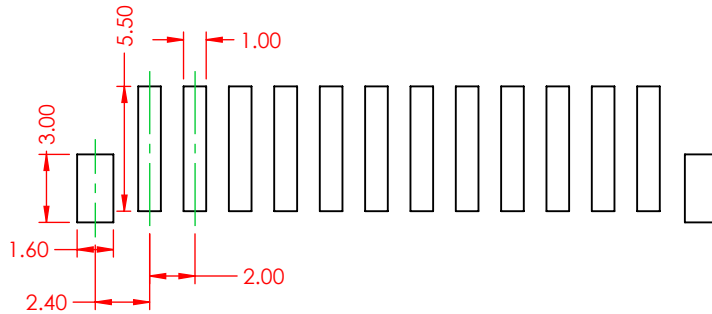
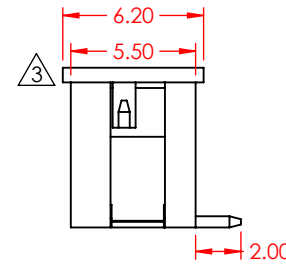
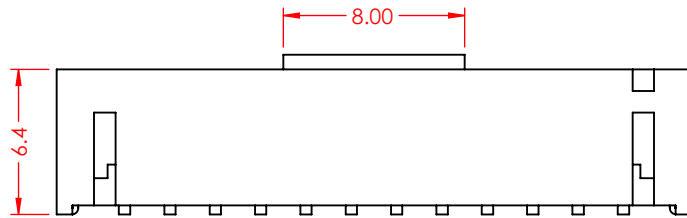
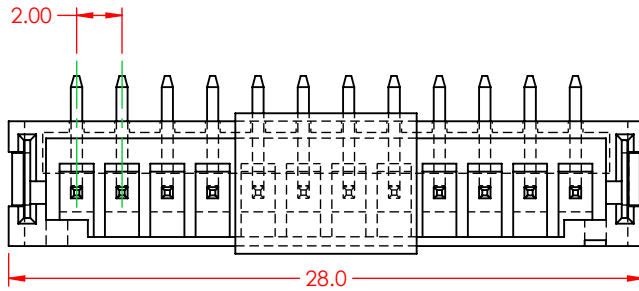


RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-511-417-011		
CHECK DATE	05/12/2026				
TOLERANCES		MATERIAL	NOTES:	SIZE	A
.X	±0.13			REVISION	
.XX	±0.25				
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1

ALL DIMENSIONS AND TOLERANCES IN MM



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-512-210-011

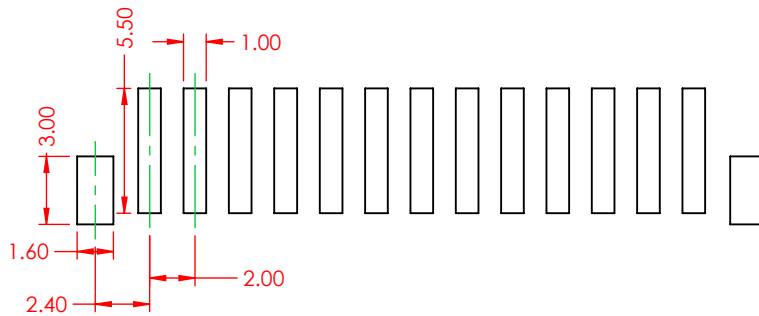
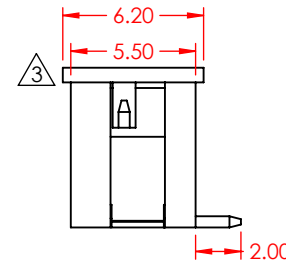
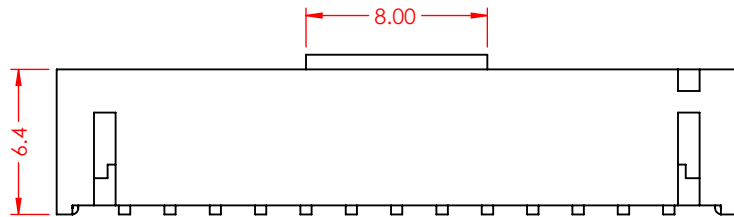
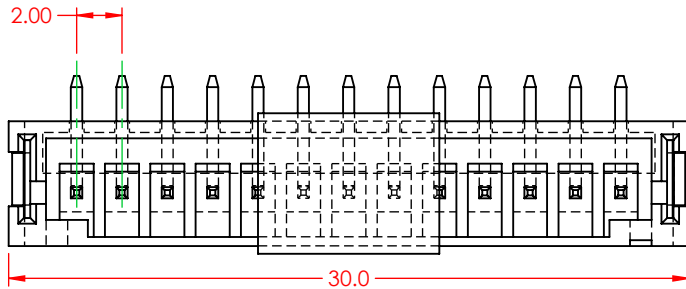


RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER	140-512-417-011		
CHECK DATE	05/12/2026				
TOLERANCES		MATERIAL	NOTES:	SIZE	A
.X	±0.13			REVISION	
.XX	±0.25				
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1

ALL DIMENSIONS AND TOLERANCES IN MM



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

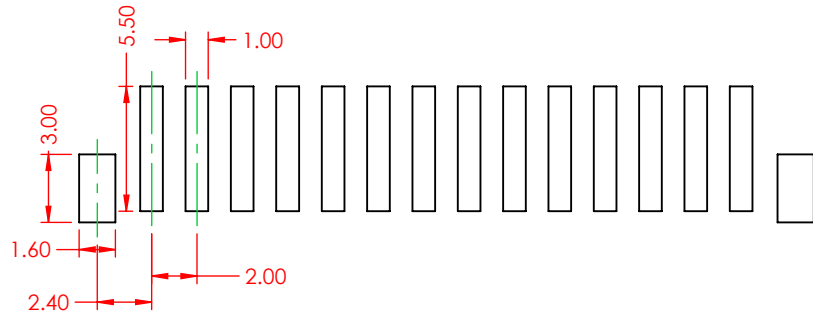
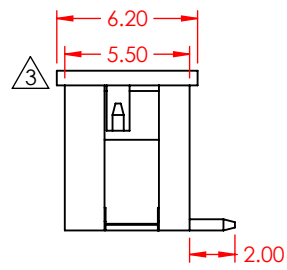
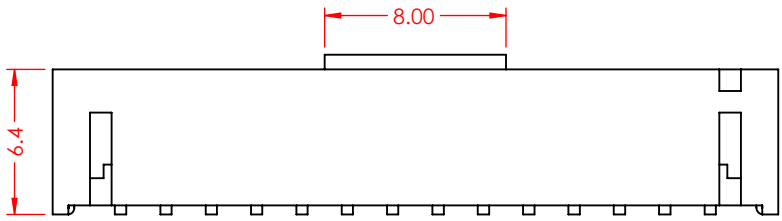
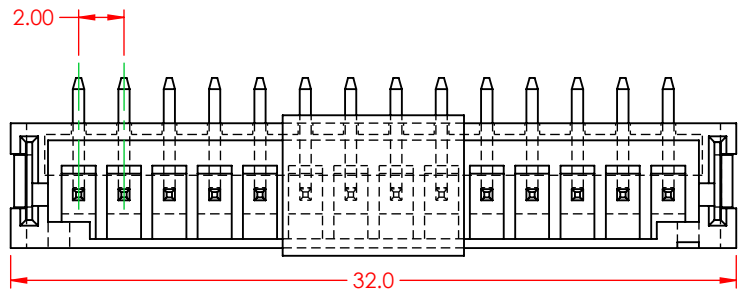
MATES WITH HOUSING: 140-513-210-011



RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER		140-513-417-011	
CHECK DATE	05/12/2026				
TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A
.X	±0.13		NOTES:		REVISION
.XX	±0.25				3
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1



RECOMMENDED PCB LAYOUT

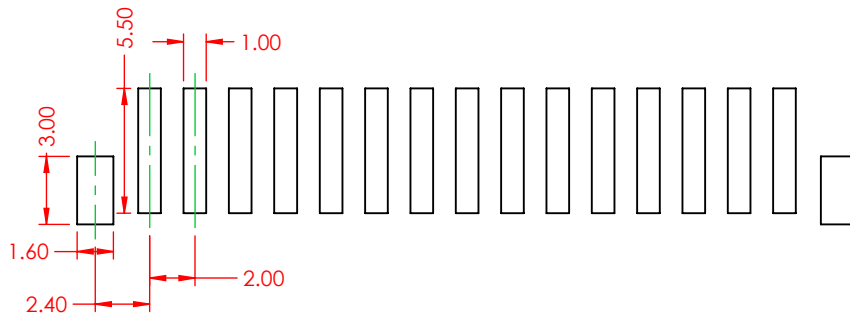
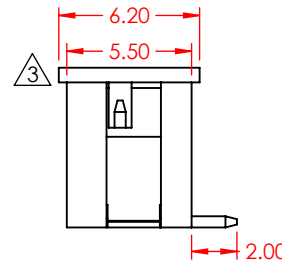
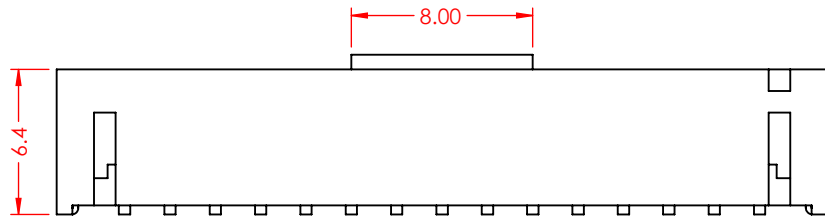
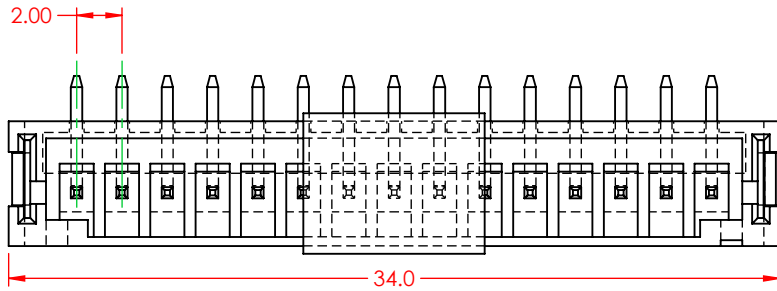
REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS
 VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0
CONTACT MATERIAL: BRASS, TIN-PLATED
MATES WITH HOUSING: 140-514-210-011

	DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
	DRAWN DATE	03/28/2020				
	CHECKED BY	R.S.M.	PART NUMBER	140-514-417-011		
	CHECK DATE	05/12/2026				
RoHS COMPLIANT	TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL	SIZE	A
	.X	±0.13		NOTES:		REVISION
	.XX	±0.25				3
	.XXX	±0.05				SCALE

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.



RECOMMENDED PCB LAYOUT

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M

SPECIFICATIONS

VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0

CONTACT MATERIAL: BRASS, TIN-PLATED

MATES WITH HOUSING: 140-515-210-011

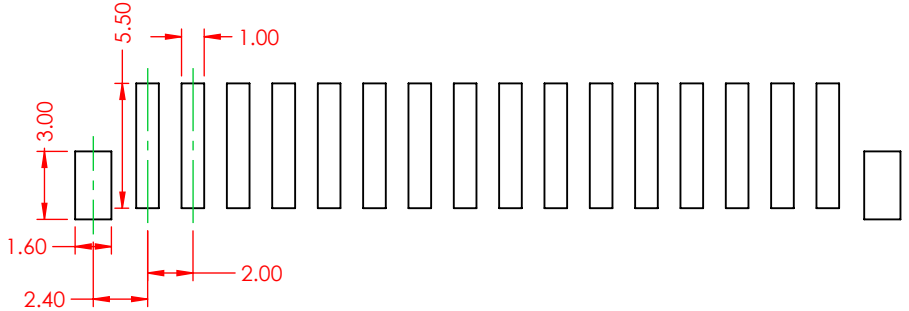
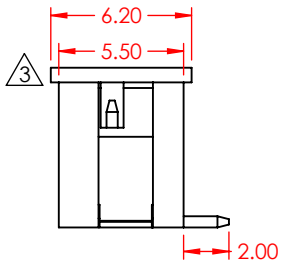
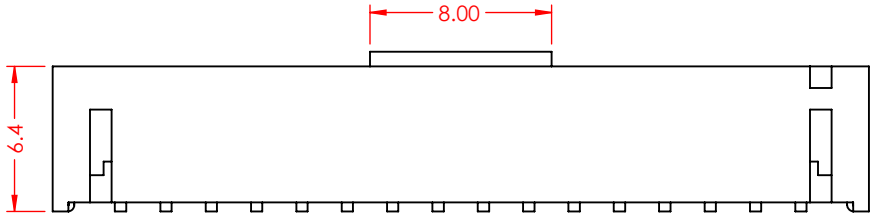
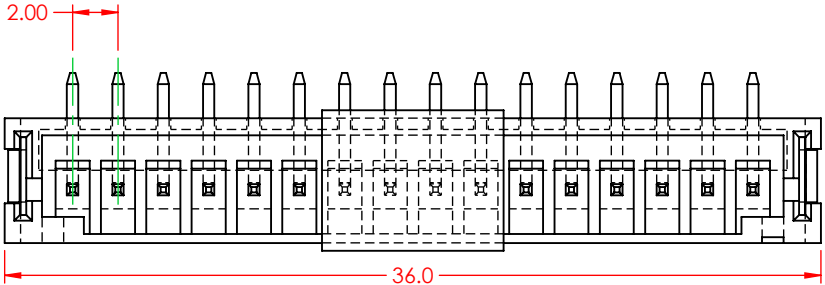


RoHS
COMPLIANT

THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN BY	C.B.	140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT			
DRAWN DATE	03/28/2020				
CHECKED BY	R.S.M.	PART NUMBER		140-515-417-011	
CHECK DATE	05/12/2026			SIZE	A
TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM		NOTES:	
.X	±0.13			REVISION	
.XX	±0.25			3	
.XXX	±0.05	SCALE	3:1	SHEET	1 OF 1

REVISIONS			
REV.	DESCRIPTION	DATE	BY
1	ORIGINAL	DRAWN DATE	
2	SPECIFICATIONS ADDED	7/2/2025	V.K.
3	ADD CAP	05/12/2026	J.S.M



RECOMMENDED PCB LAYOUT

SPECIFICATIONS
 VOLTAGE RATING: 100V AC/DC
 CURRENT RATING: 2A AC/DC
 WITHSTANDING VOLTAGE: 800V AC / 60s
 TEMPERATURE RATING: -40°C TO 105°C
 INSULATION RESISTANCE: 1000MΩ MIN
 CONTACT RESISTANCE: 10mΩ MAX

INSULATOR MATERIAL: PA9T, UL94V-0
CONTACT MATERIAL: BRASS, TIN-PLATED
MATES WITH HOUSING: 140-516-210-011

	DRAWN BY		C.B.		140 SERIES PIN HEADER, 2.00 PITCH, TOP ENTRY SMT							
	DRAWN DATE		03/28/2020									
	CHECKED BY		R.S.M.		PART NUMBER	140-516-417-011						
	CHECK DATE		05/12/2026									
RoHS COMPLIANT	THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF EDAC, AND SHALL NOT BE REPRODUCED, OR COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.				TOLERANCES		ALL DIMENSIONS AND TOLERANCES IN MM	MATERIAL			SIZE	A
					.X	±0.13		NOTES:		REVISION		
					.XX	±0.25						
					.XXX	±0.05						
SCALE	3:1	SHEET	1	OF	1							