



K22A39U2, AL Universal Term, 4 Conductor, 2-Hole, 1/0 AWG Str-750 kcmil, 3/8" Stud, 1.38" Spacing, 4 Screws, Al/Cu Rated

By Burndy
Catalog # [K22A39U2](#)

Aluminum Universal Terminal, 2 Hole, Four: 1/0 AWG (Str)-750 kcmil, 3/8" Stud, 1.38" Stud Hole Spacing, 4 Screws, Al/Cu Rated, Tin Plated.

Features

- Constructed from high strength, extruded aluminum alloy
- Electro tin-plated to provide low contact resistance

Application

For Aluminum and Copper Conductors

General

Catalog Number	K22A39U2
Connector Type	Stacked
EU RoHS Indicator	No
Installation Torque	375 LBS/in
Recommended in-lb	
Material	Aluminum
Material - Hardware	Aluminum
Physical Attribute - Number of Holes	2
Physical Attribute - Number of Screws	4
Physical Attribute - Screw Type	Allen
Plated	Y
Plating Type	Tin plated
Sub Brand	UNIVERSAL TERM
Temperature Rating	194
Type	Bolted Lugs & Terminals
UPC	781810370339
UPC 14 Digit GTIN	00781810370339

Dimensions

Dimension - Bolt Hole Size inch	0.38 in
Dimension - Bolt Size fraction	3/8
Dimension - D inch	2.31 in
Dimension - Height fraction	3 in
Dimension - Height inch	3.02 in
Dimension - Height mm	76.7 mm
Dimension - Hole Size inch	0.41 in
Dimension - Hole Size mm	10 mm
Dimension - L Length Overall mm	125 mm



Dimension - Length Overall inch	4.91 in
Dimension - N inch	0.38 in
Dimension - Pad Width inch	2.86 in
Dimension - Stud Size inch	3/8 in
Dimension - Width fraction	3-3/50 in
Dimension - Width inch	2.86 in
Dimension - Width mm	78 mm

Electrical Ratings

Rating - Minimum Voltage	600
--------------------------	-----

Conductor Related

Conductor - AL Str Size	1/0 AWG;2/0 AWG;3/0 AWG;4/0 AWG;250 kcmil;266 kcmil;300 kcmil;336 kcmil;350 kcmil;397 kcmil;400 kcmil;450 kcmil;477 kcmil;500 kcmil;550 kcmil;556 kcmil;600 kcmil;636 kcmil;650 kcmil;700 kcmil;715 kcmil;750 kcmil
Conductor - AL Str Size Range	1/0-750 Acmil
Conductor - Copper Str Size	1/0 ;2/0 AWG;3/0 AWG;4/0 AWG;250 kcmil;300 kcmil;350 kcmil;400 kcmil;450 kcmil;500 kcmil;550 kcmil;600 kcmil;700 kcmil;750 kcmil
Conductor - Copper Str Size Range	1/0-750 Acmil
Conductor Type	- AL C Str-Size - CU C Str-Size
Number of Conductors	4

Certifications And Compliance

Buy America(n) Qualified	Buy American Act Compliant (All status valid till December 2024)
Certification - CSA Approved	Yes

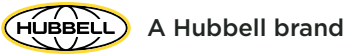
Certification - UL Listed Direct Burial	No
Industry Standard(s)	UL 486A-486B
Standards - Industry Standards Met	UL 486A-486B
Standards - RoHS Compliance Status	NC
UL Listed	Yes

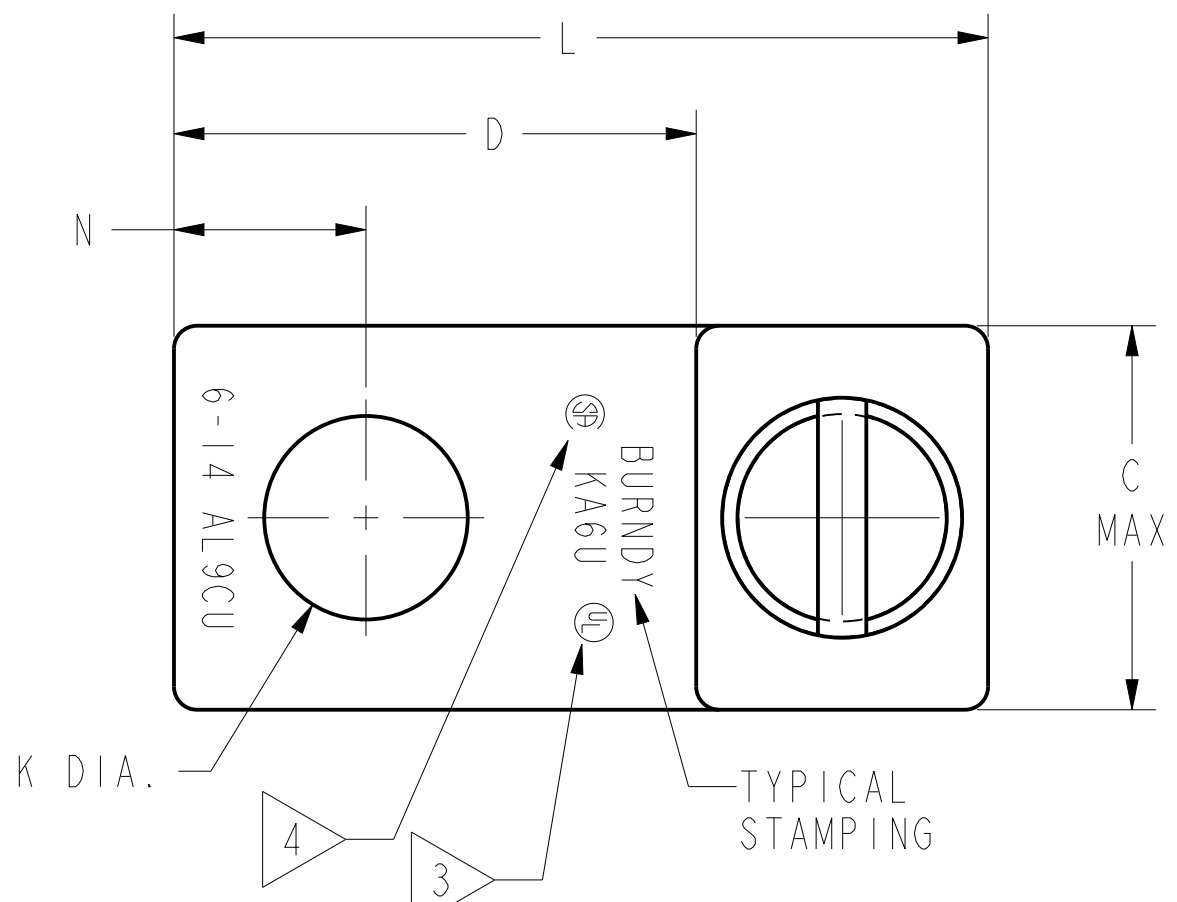
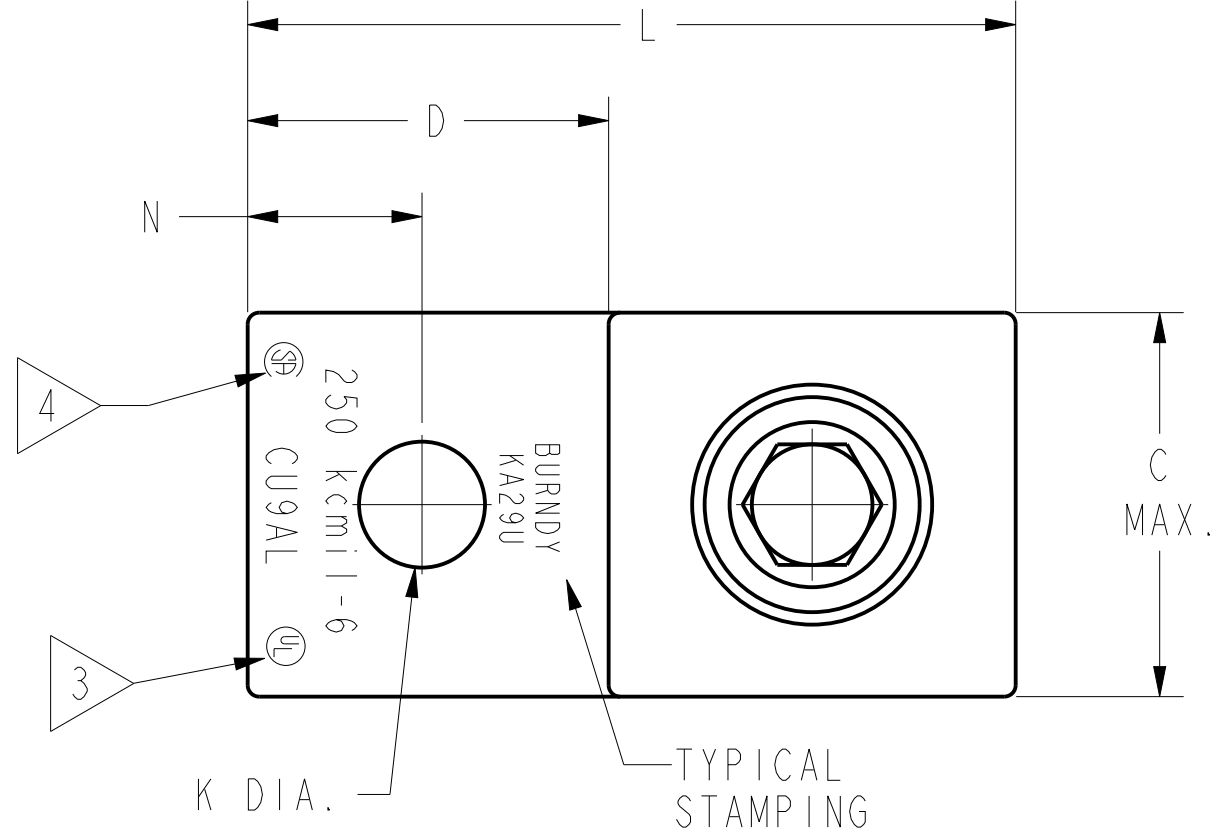
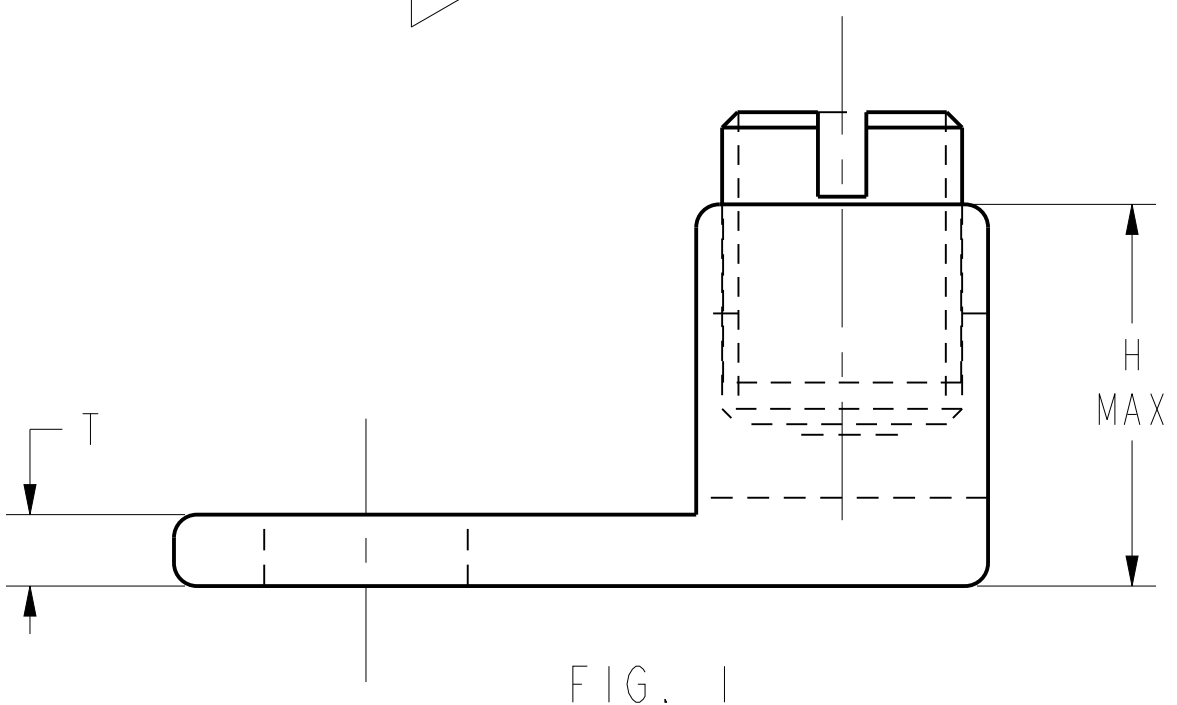
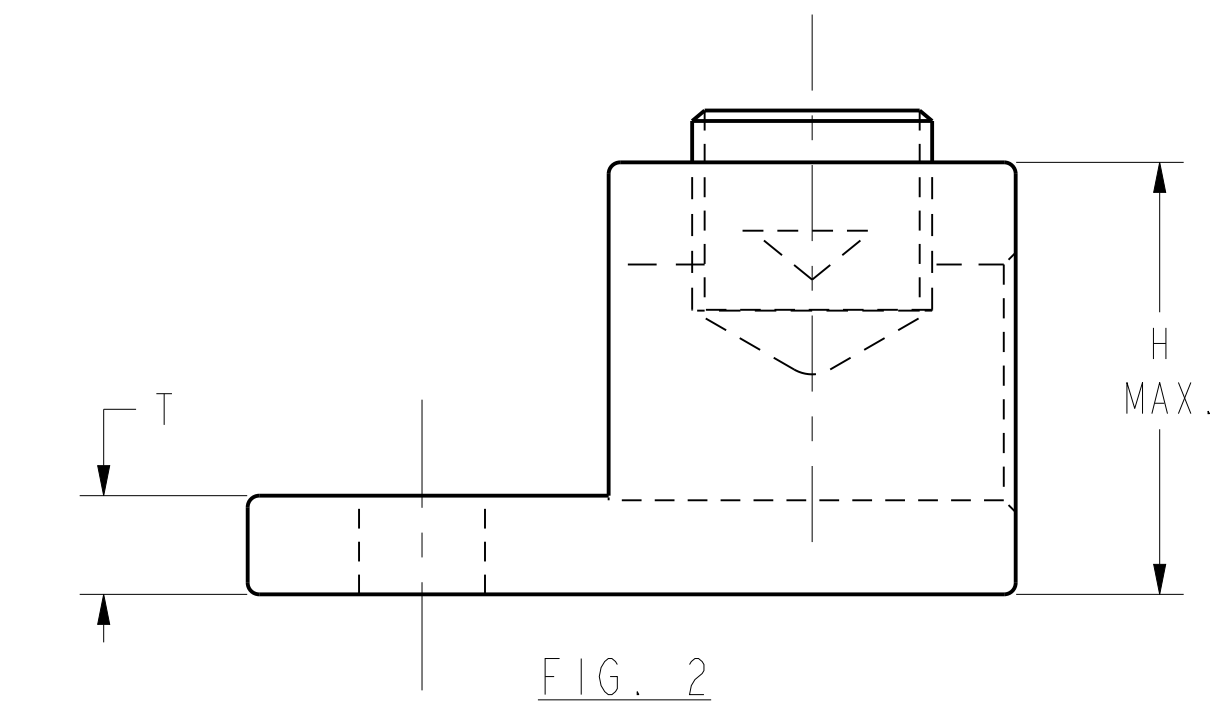
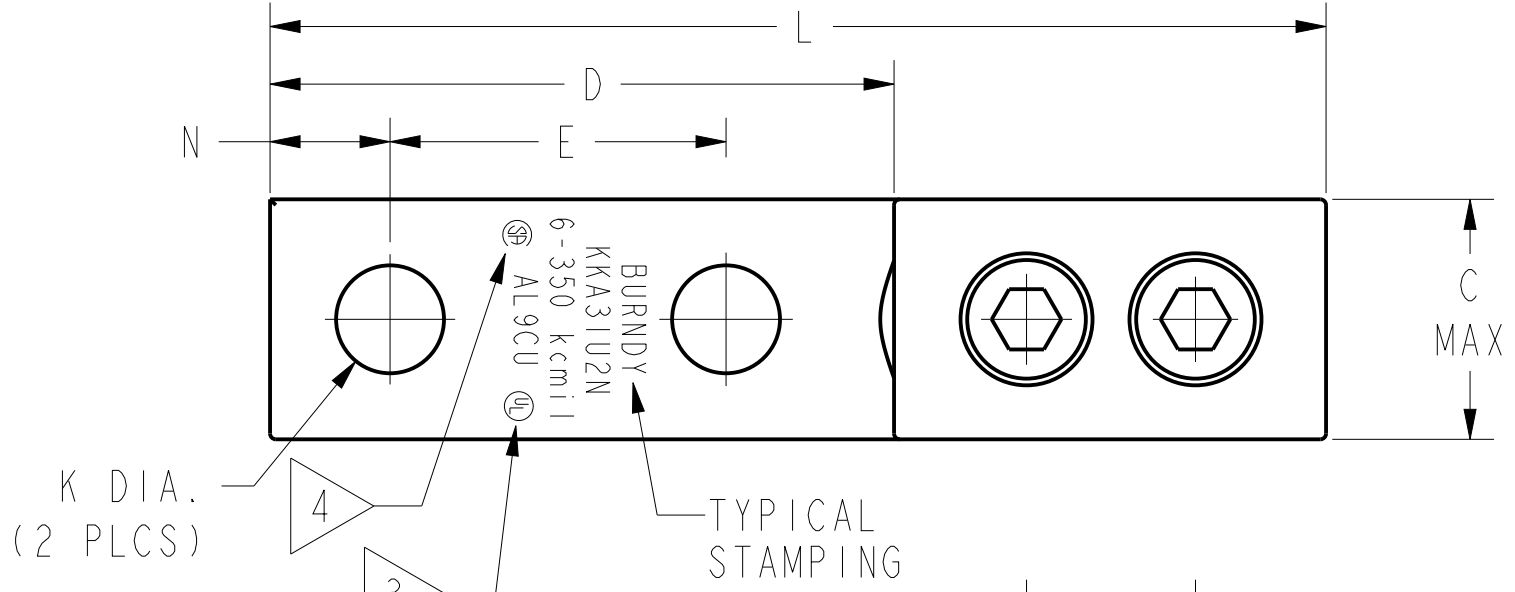
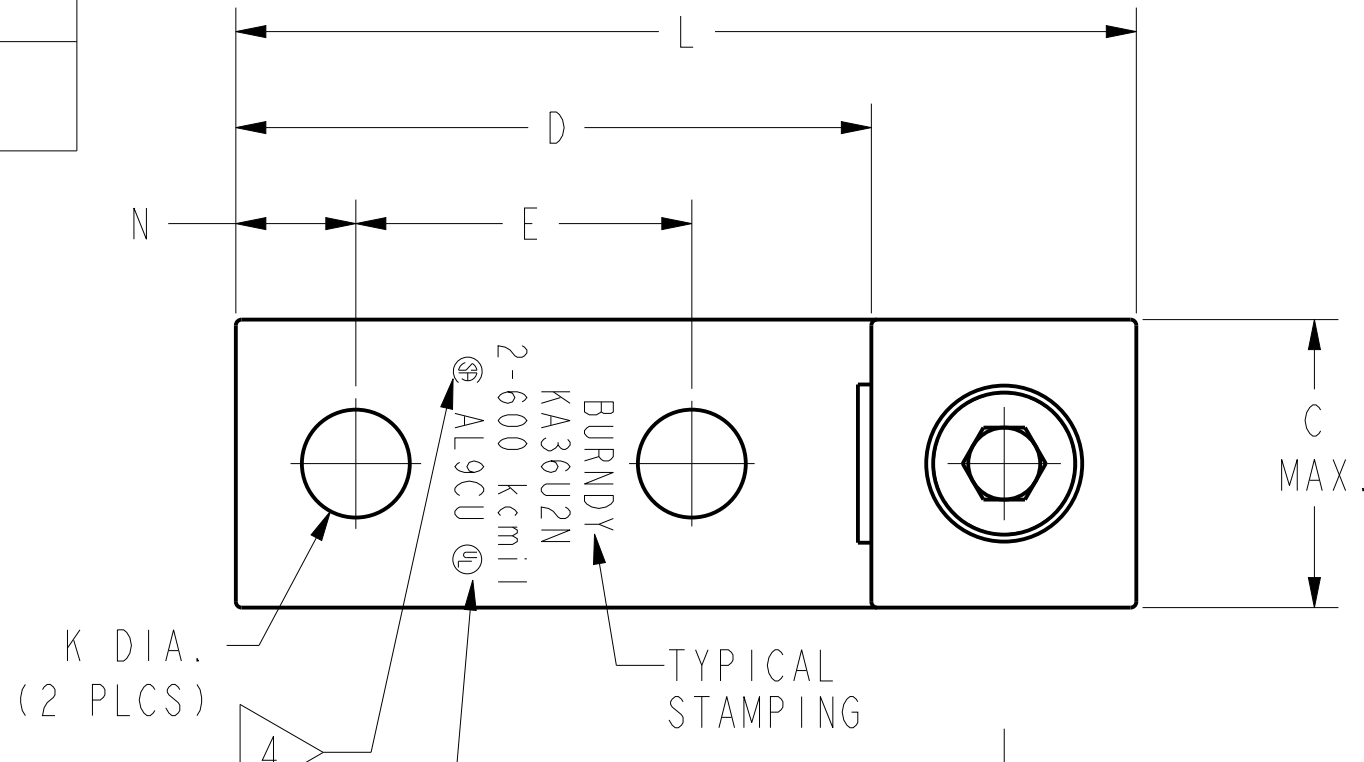
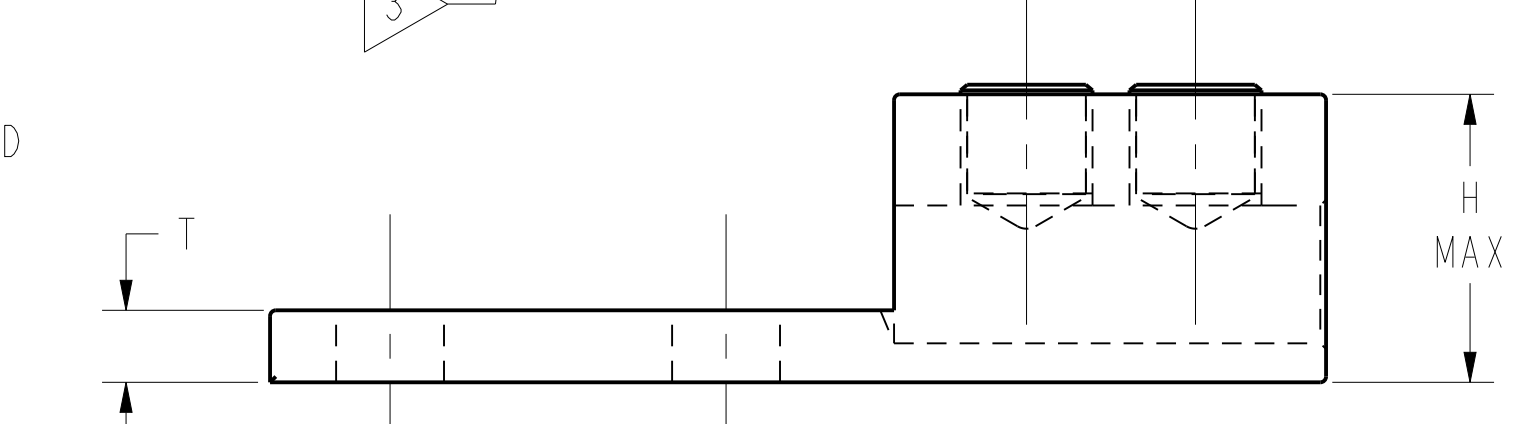
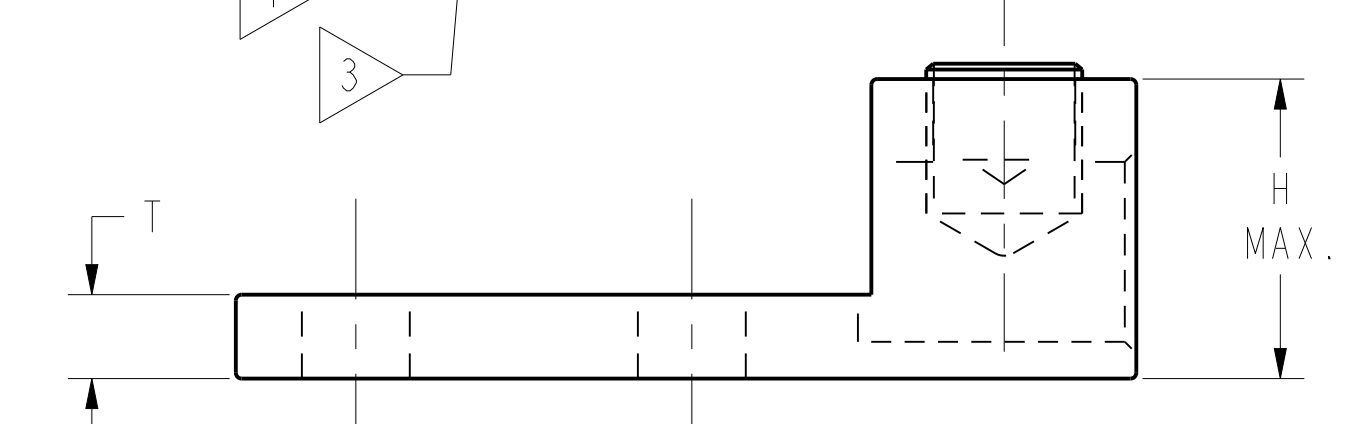
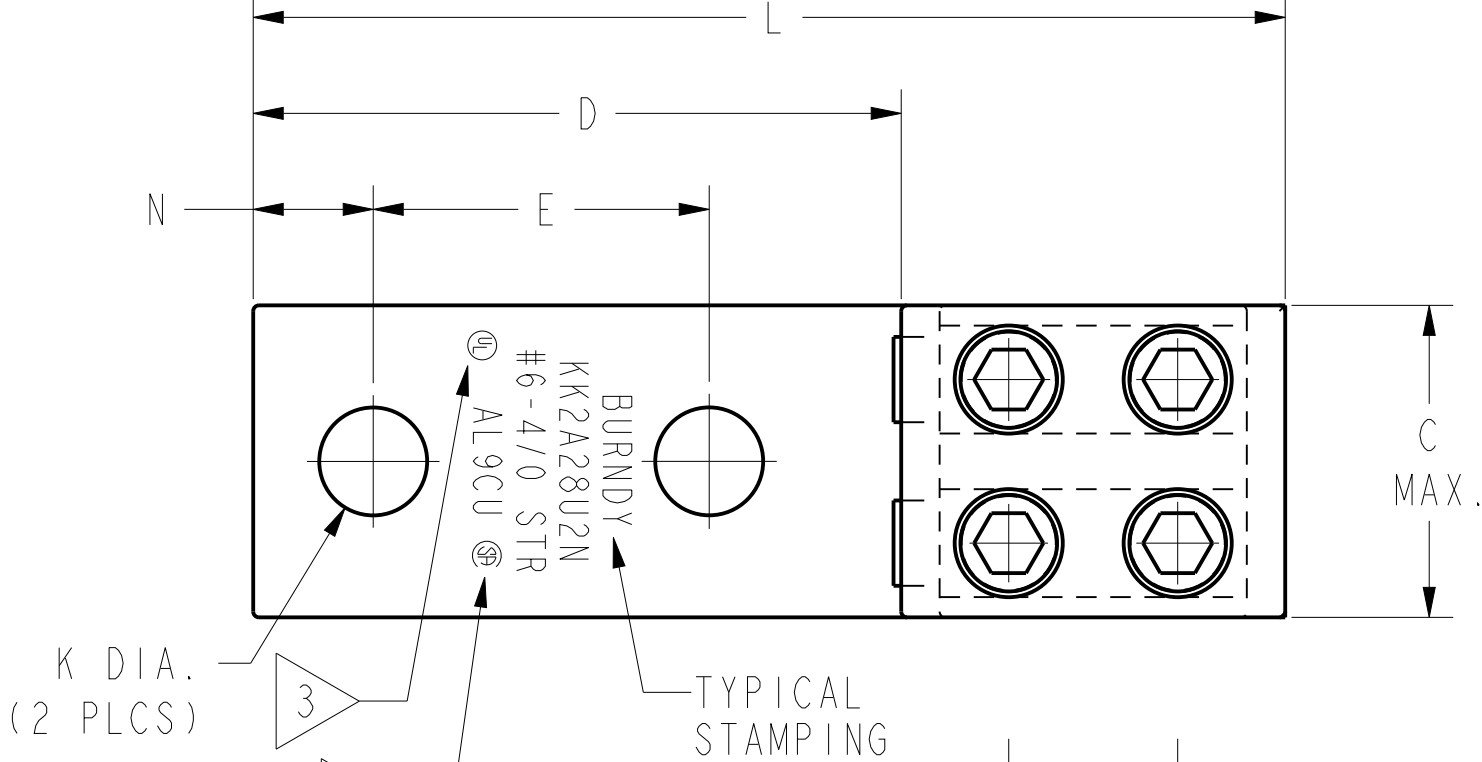
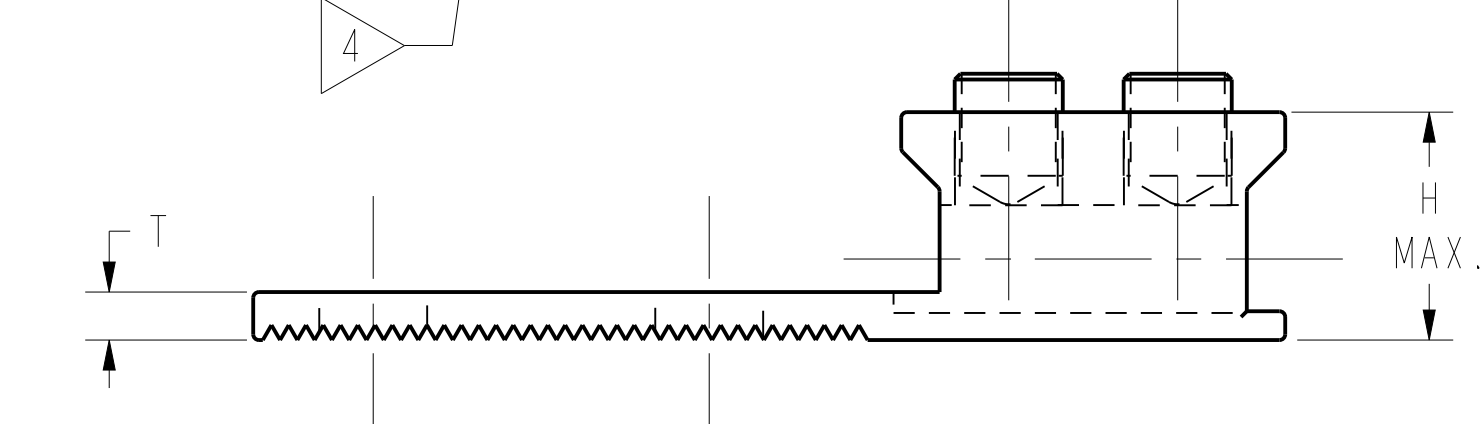
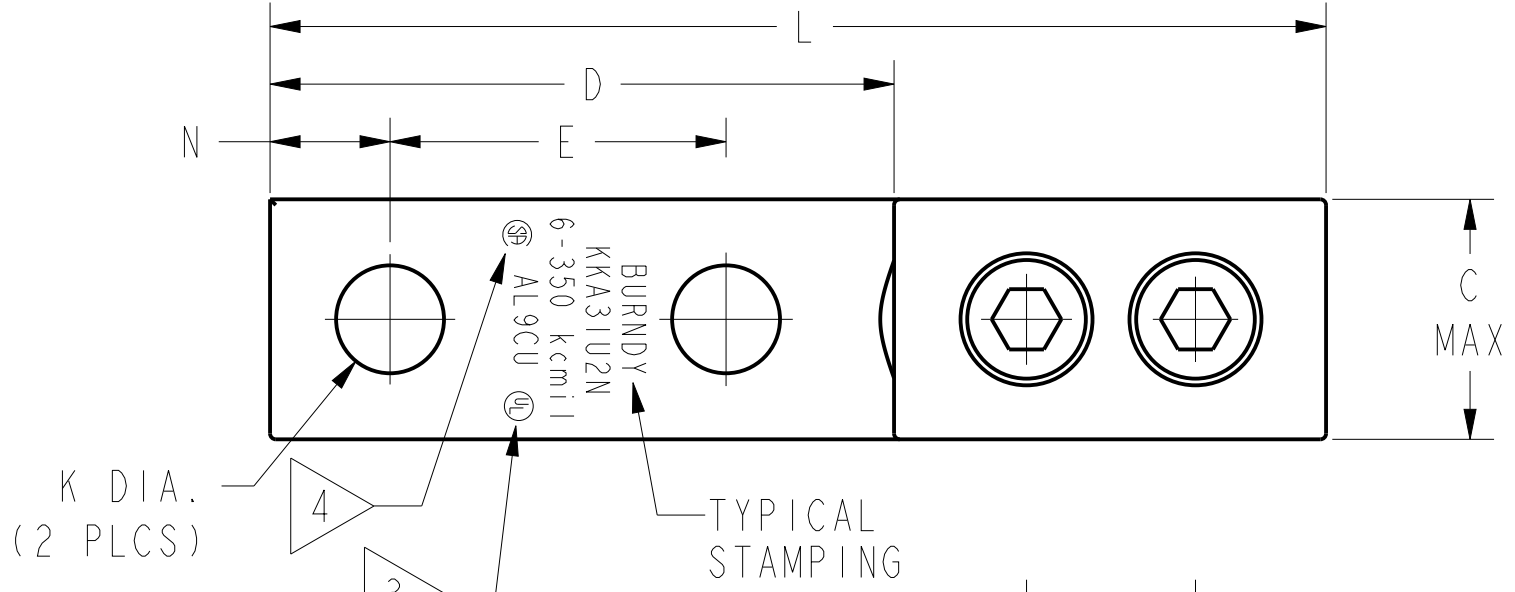
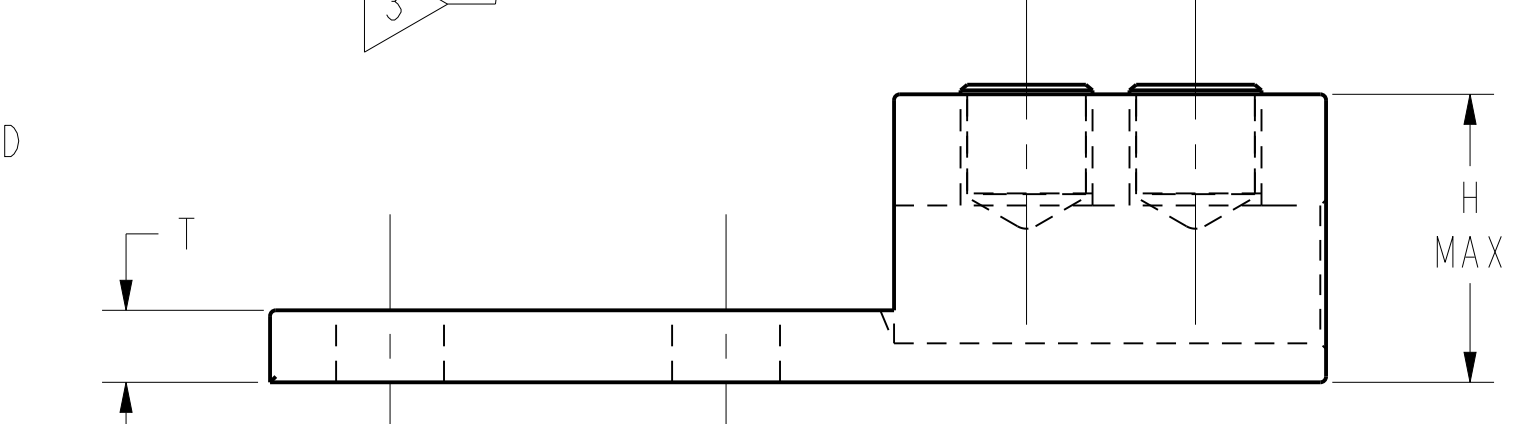
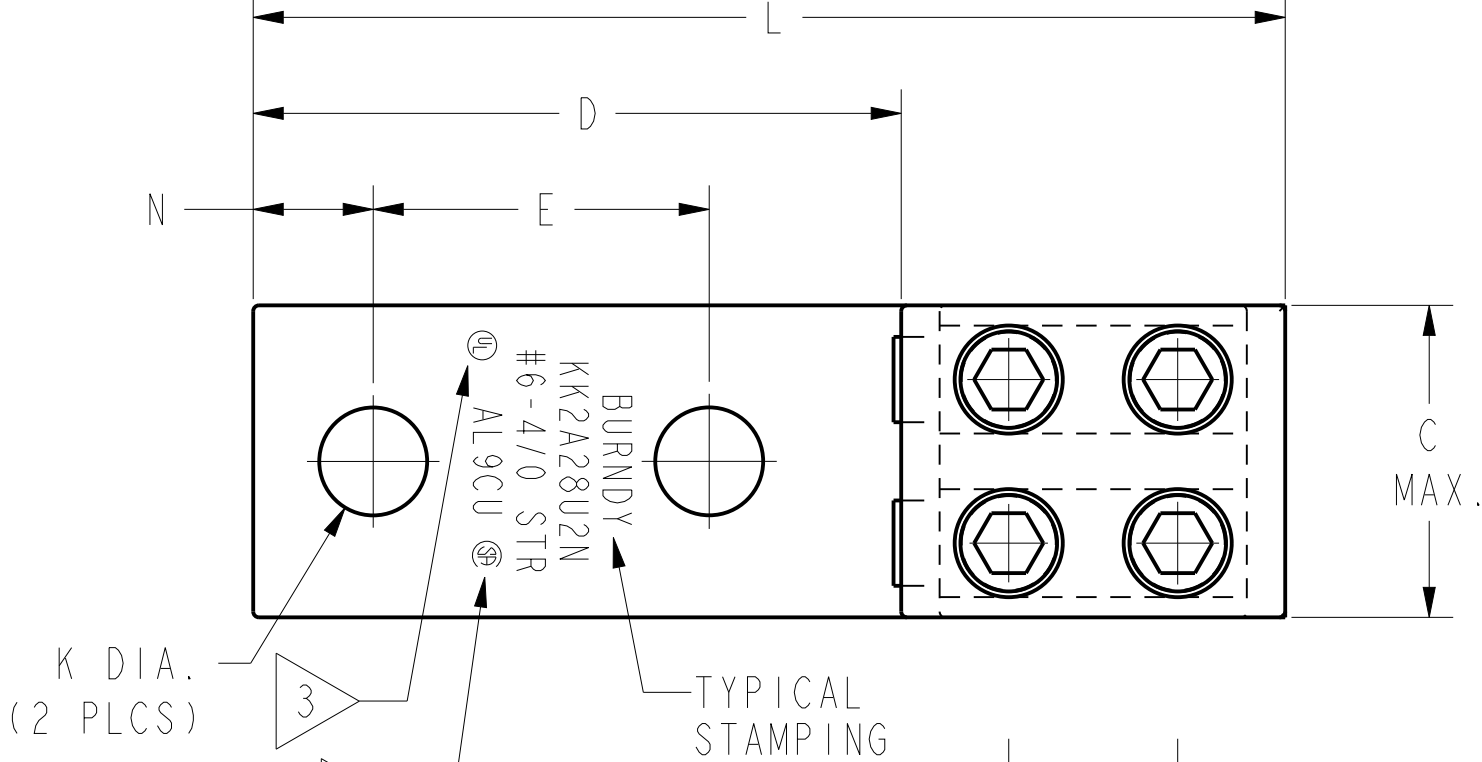
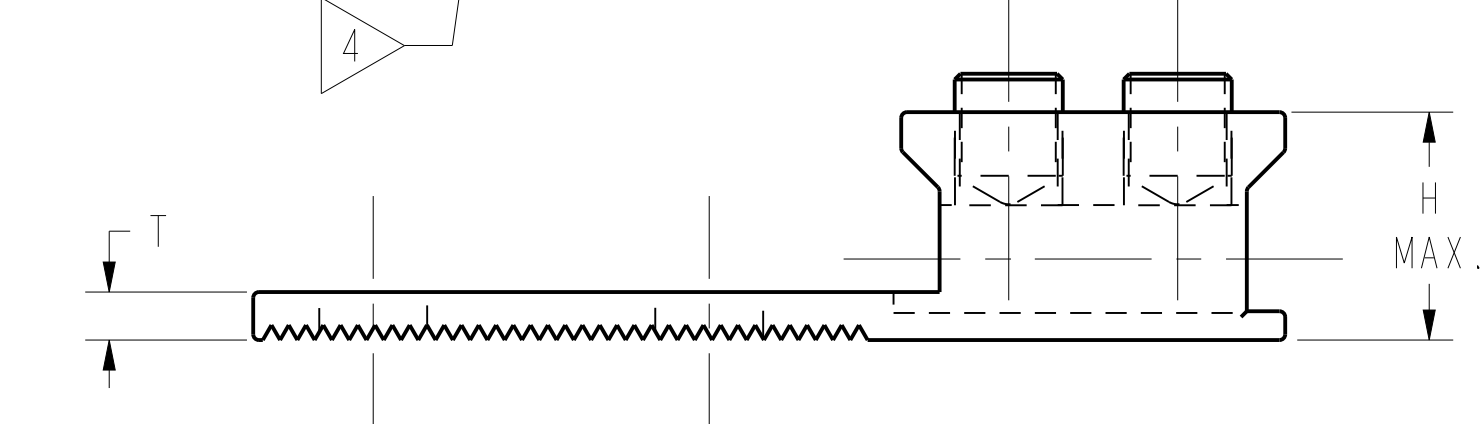
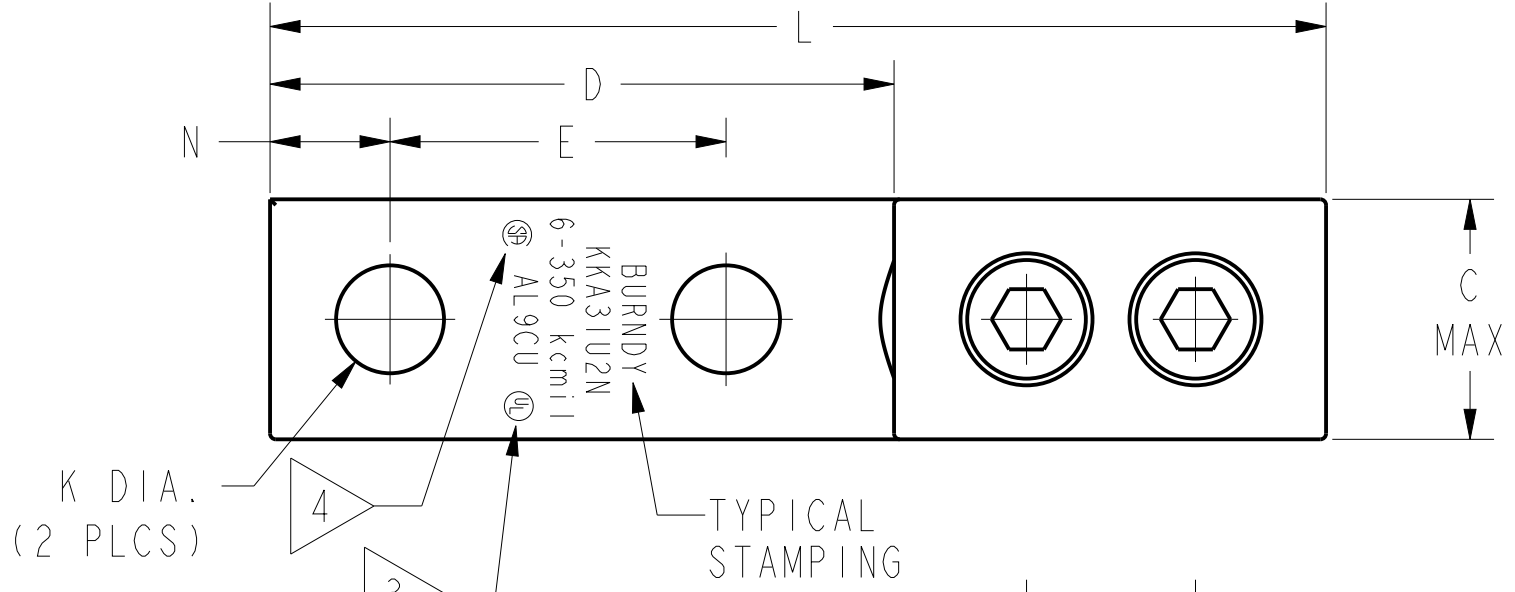
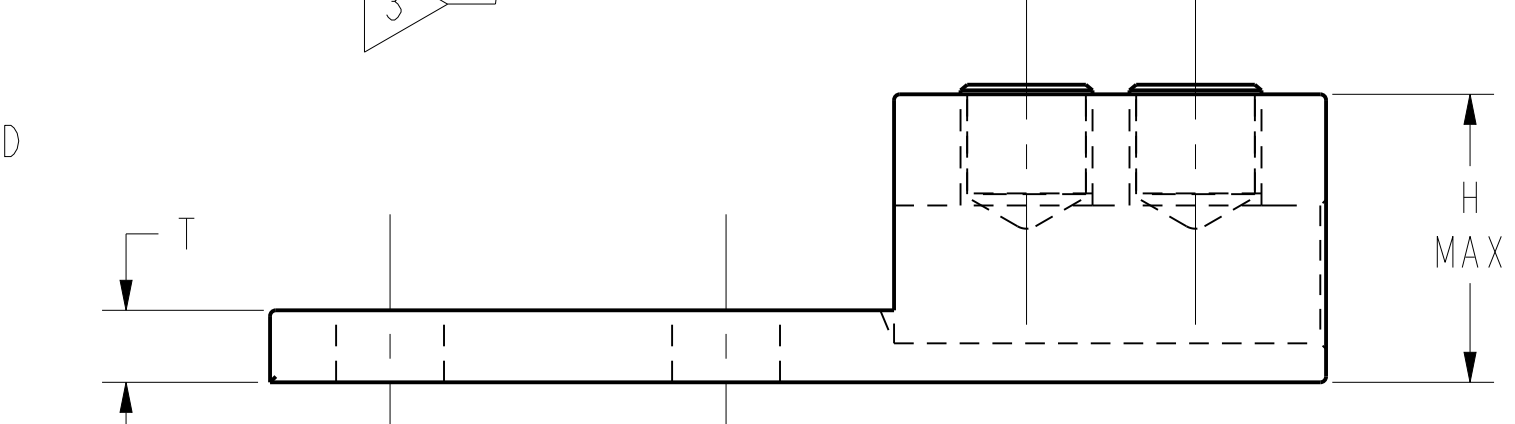
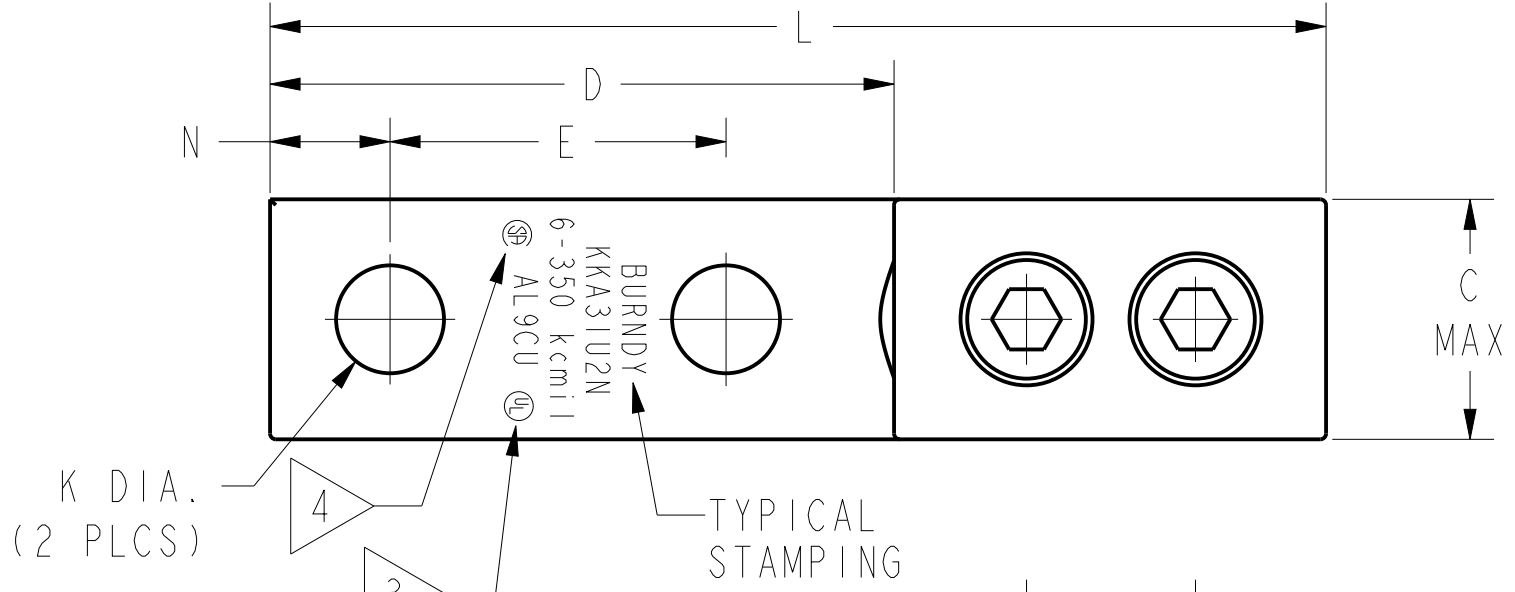
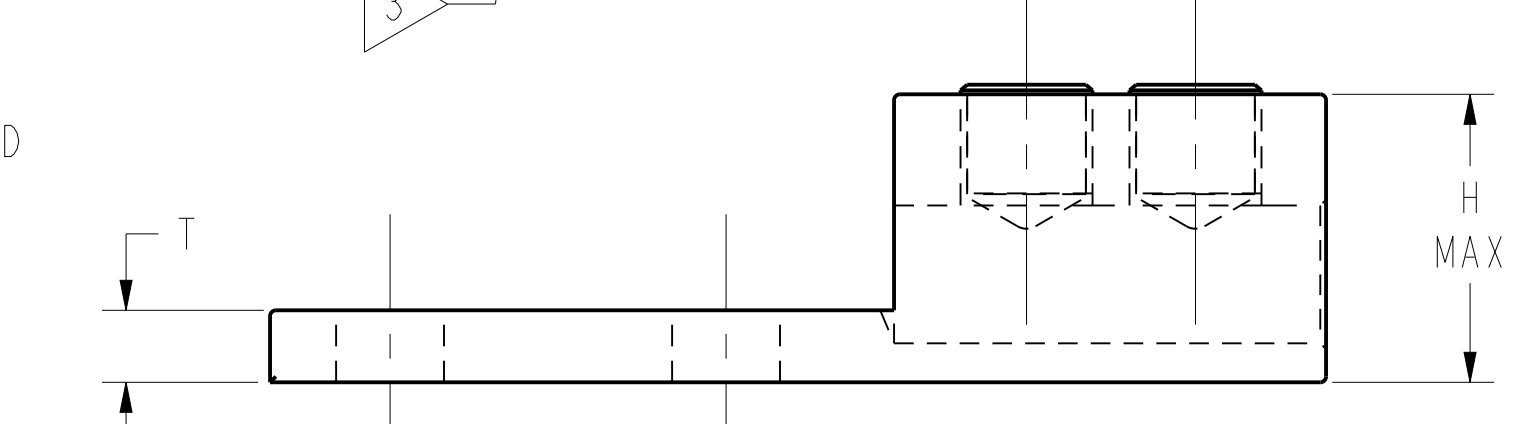
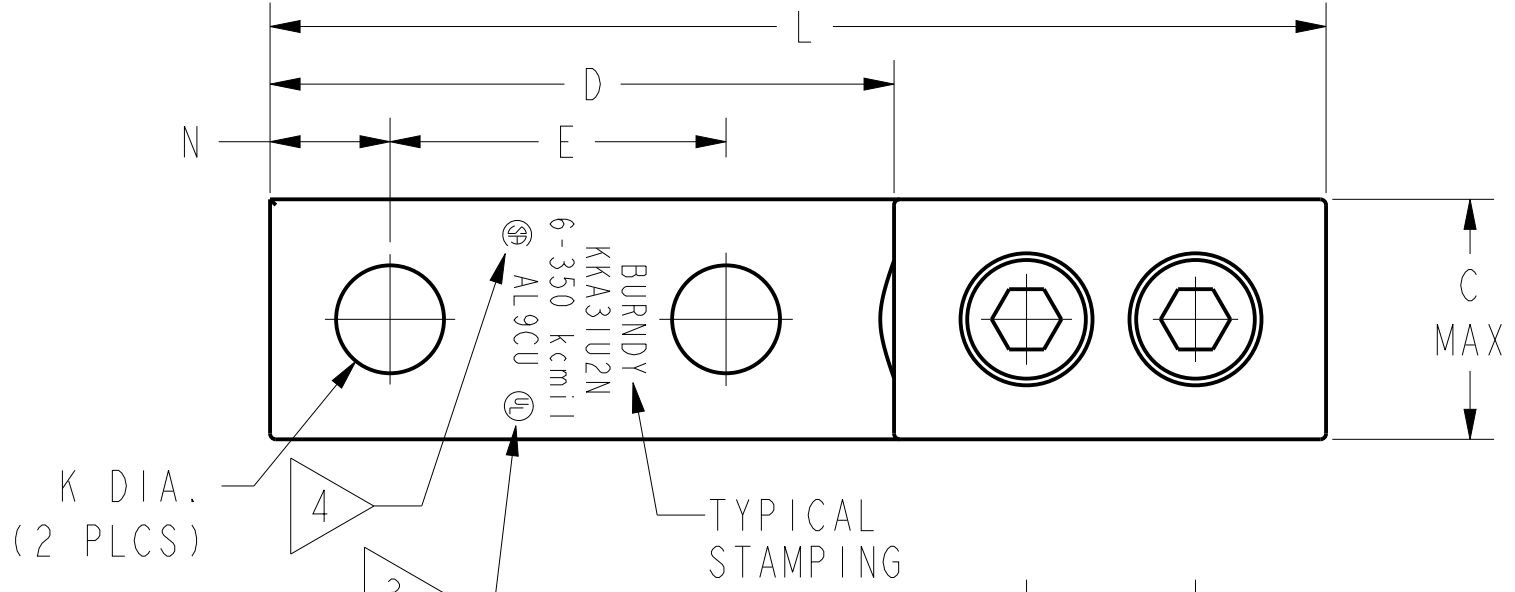
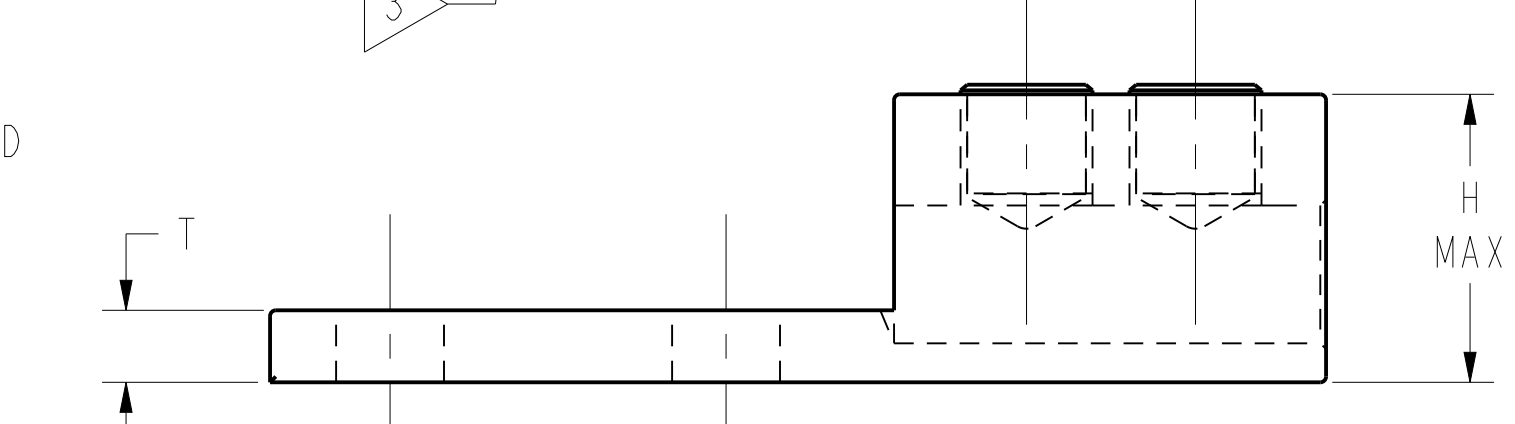
Logistics

Minimum Pack Quantity	1
-----------------------	---

Product Assets

- 3D Models - K22A39U2_MODEL-PDF
- 3D Models - K22A39U2_MODEL-IGES
- 3D Models - K22A39U2_MODEL-STEP
- Catalogs - BURNDY Master Catalog - Section A - Mechanical
- Catalogs - BURNDY Master Catalog - Full Line BURNDY Catalog
- Customer Notices - Prop 65 Notice
- Interactive Catalog - BURNDY Full-Line Digital Catalog
- Product Cross Section Image(s) - BUR_K22AU_Lineart
- Sales Drawings - se210997
- Specifications - K22A39U2



DRAWING NO. SE210997		7		6		5		4		3		2		1										
CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE AL or CU (AWG/KCMIL)	BOLT HOLE SIZE	DIMENSIONS								RECOMMENDED TIGHTENING TORQUE: IN. LBS N.M	REV		DATE		DESCRIPTION		ECO		BY		C.H.K.	
				C MAX.	D	E	H MAX.	K DIA.	L	N	T		T	T	T	T	T	T	T	T	T	T	T	T
KA6U	1A-2A-2B	14 STR. - 6 STR.	1/4" [M6]	.50 [13]	.63 [16]	----	.51 [13]	.27 [7]	1.06 [27]	.25 [6]	.09 [2]	35 (4)												
KA2U	1A-2A-2B	14 STR. - 2 STR.	1/4" [M6]	.51 [13]	.63 [16]	----	.56 [14]	.27 [7]	1.16 [29]	.31 [8]	.10 [3]	50 (6)												
KA25U	1	14 STR. - 1/0 STR.	1/4" [M6]	.63 [16]	.81 [21]	----	.92 [23]	.27 [7]	1.50 [38]	.44 [11]	.19 [5]	50 (6)												
KA26U	2	14 STR. - 2/0 STR.	1/4" [M6]	.64 [16]	.81 [21]	----	.80 [20]	.27 [7]	1.47 [37]	.45 [11]	.19 [5]	120 (14)												
KA29U	2	#6 - 250 KCMIL Class B & C #6 - 4/0 Class G, H, I, K, & DLO	5/16" [M8]	1.02 [26]	.94 [24]	----	1.14 [29]	.33 [8]	2.00 [51]	.47 [12]	.25 [6]	275 (31)												
KA29UG12	2	6 STR. - 250 kcmil	3/8" [M10]	1.02 [26]	.94 [24]	----	1.14 [29]	.42 [11]	2.00 [51]	.47 [12]	.25 [6]	275 [31]												
KA30U	2	#6 - 300 KCMIL Class B & C #6 - 250 KCMIL Class G, H, I, K, & DLO	5/16" [M8]	1.02 [26]	.94 [24]	----	1.14 [29]	.33 [8]	2.00 [51]	.45 [11]	.25 [6]	275 (31)												
KA31U	2	#6 - 350 KCMIL Class B & C #6 - 300 KCMIL Class G, H, I, K, & DLO	3/8" [M10]	1.14 [29]	1.03 [26]	----	1.27 [32]	.42 [11]	2.25 [57]	.52 [13]	.25 [6]	275 (31)												
KKA31U2N	3	6 STR. - 350 kcmil	1/2" [M12]	1.27 [32]	3.16 [80]	1.75 [44]	1.52 [39]	.56 [14]	5.50 [140]	.63 [16]	.38 [10]	275 (31)												
KA34U	2	#4 - 500 KCMIL Class B & C #4 - 400 KCMIL Class G, H, I, K, & DLO	3/8" [M10]	1.52 [39]	1.50 [38]	----	1.58 [40]	.42 [11]	2.81 [71]	.88 [22]	.31 [8]	450 (51)												
KA36U	2	#2 - 600 KCMIL Class B & C #2 - 500 KCMIL Class G, H, I, K, & DLO	3/8" [M10]	1.52 [39]	1.72 [44]	----	1.58 [40]	.42 [11]	3.19 [81]	.78 [20]	.44 [11]	550 (62)												
KA36U2N	4	2 STR. - 600 kcmil	1/2" [M12]	1.52 [39]	3.22 [82]	1.75 [44]	1.57 [40]	.56 [14]	4.69 [119]	.63 [16]	.44 [11]	550 (62)												
KA40U	2	300 - 800 KCMIL Class B & C 350 - 750 KCMIL Class G, H, I, K, & DLO	1/2" [M12]	1.77 [45]	1.69 [43]	----	1.95 [50]	.53 [13]	3.38 [86]	.88 [22]	.50 [13]	550 (62)												
KA40U2N	4	300 - 800 KCMIL Class B & C 350 - 750 KCMIL Class G, H, I, K, & DLO	1/2" [M12]	1.77 [45]	3.03 [77]	1.75 [44]	1.95 [50]	.56 [14]	4.75 [121]	.63 [16]	.50 [13]	550 (62)												
KA44U	2	500 - 1000 KCMIL Class B & C 350 - 750 KCMIL Class G, H, I, K, & DLO	5/8" [M16]	1.77 [45]	1.88 [48]	----	1.95 [50]	.66 [17]	3.50 [89]	.88 [22]	.50 [13]	550 (62)												
KA44U2N	4	500 - 1000 KCMIL Class B & C 350 - 750 KCMIL Class G, H, I, K, & DLO	1/2" [M12]	1.77 [45]	3.03 [77]	1.75 [44]	1.95 [50]	.56 [14]	4.75 [121]	.63 [16]	.50 [13]	550 (62)												
KK2A28U2N	5	6 STR. - 4/0 STR.	1/2" [M12]	1.64 [42]	3.03 [77]	1.75 [44]	1.20 [30]	.56 [14]	5.38 [137]	.63 [16]	.25 [6]	275 (31)												
KKA36U2N	3	2 STR. - 600 kcmil	1/2" [M12]	1.39 [35]	3.25 [83]	1.75 [44]	1.52 [39]	.56 [14]	5.50 [140]	.63 [16]	.38 [10]	550 (62)												
KK2A36U2N	5	2 STR. - 600 kcmil	1/2" [M12]	2.76 [70]	3.37 [86]	1.75 [44]	1.58 [40]	.56 [14]	5.62 [143]	.63 [16]	.38 [10]	375 (42)												
NOTES:														 										
1. MATERIAL-BODY: ALUMINUM SCREW: STEEL ALUMINUM														 										
2. FINISH-BODY: TIN PLATED NICKEL PLATED SCREW: TIN PLATED ZINC PLATED NICKEL PLATED														 										
3. CONNECTORS ARE UL LISTED TO UL486A- 486B FOR ALUMINUM AND COPPER CONDUCTORS AT 90°C. STAMP MAY READ CU9AL OR AL9CU TO INDICATE THIS LISTING.														 										
4. CONNECTORS ARE CSA CERTIFIED TO C22.2, NO. 65 FOR INDICATED CONDUCTOR RANGE.														 										
5. "N" INDICATES NEMA STANDARD STUD HOLES.														 										
6. LISTED TORQUE VALUES ARE FOR MAXIMUM CONDUCTOR SIZES ACCOMMODATED.														 										
7. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.														 										
8. PARTS WITH CATALOG NUMBERS ENDING IN "M" REQUIRE A METRIC, HEX. HEAD, SOCKET SET SCREW.														 										
9. NOT RECOMMENDED FOR USE IN HIGHLY CORROSIVE ENVIRONMENT.														 										
TO ORDER BURNDY@PRODUCTS CALL UNITED STATES: 1-800-346-4175 (LONDONDERRY, NH) CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES) FOR PRODUCT INFO: http://www.burndy.com														UNIVERSAL TERMINAL ITEM NO: 392018 CAT. NO: KA-U, KA-UM, KKA-U (TABLE) DRAWN BY: P. LAPONIUS 04/10/97 CHECKER: J. MICHAUD 04/21/97 DSN APPVL: K. MELLO 04/30/97 MFG APPVL: -- QA APPVL: D. VARIO 05/02/97 MKT APPVL: P. WERTHMAN 05/01/97 PROD FAM: CM&R-Mechanical PROJECT #: -- DOCUMENT TYPE: Sales REL LEVEL: Released										
SCALE: 5:1 DRAWING NO: SE210997 SHEET 1 OF 5														REV: T										

DRAWING NO. SE210997		7		6		5		4		3		2		1											
CATALOG NUMBER	FIG. NO.	CONDUCTOR RANGE ALUMINUM OR COPPER	BOLT HOLE SIZE	DIMENSIONS									RECOMMENDED TIGHTENING TORQUE: IN.LBS N.M	REV		DATE		DESCRIPTION		ECO		BY		C'H'K.	
				C MAX.	D	E	F	H MAX.	K DIA.	L	N	T		T	2023-09-19 04:00:00 EDT	---	UPDATED AS PER MARKUPS		230824032880		RA	YR			
K3A2U2	1	THREE: 14 STR. - 2 STR.	5/16" [M8]	1.64 [42]	1.63 [41]	.88 [22]	----	.65 [17]	.34 [9]	2.19 [56]	.34 [9]	.19 [5]	50 (6)												
K3A2U4	2	THREE: 14 STR. - 2 STR.	11/32" ---	1.64 [42]	1.63 [41]	.88 [22]	.88 [22]	.65 [17]	.34 [9]	2.19 [56]	.34 [9]	.19 [5]	50 (6)												
K3A25U2	1	THREE: 14 STR. - 1/0 STR.	7/16" ---	2.02 [51]	2.09 [53]	1.00 [25]	----	.89 [23]	.45 [11]	2.91 [74]	.34 [9]	.25 [6]	50 (6)												
K3A25U4	2	THREE: 14 STR. - 1/0 STR.	7/16" ---	2.02 [51]	2.09 [53]	1.00 [25]	1.00 [25]	.89 [23]	.45 [11]	2.91 [74]	.34 [9]	.25 [6]	50 (6)												
K3A26U2N	1	THREE: 14 STR. - 2/0 STR.	9/16" [14]	1.97 [50]	3.06 [78]	1.75 [44]	----	.80 [20]	.56 [14]	3.75 [95]	.63 [16]	.19 [5]	50 (6)												
K3A27U2N	1	THREE: 6 STR. - 3/0 STR.	9/16" [14]	2.83 [72]	3.00 [76]	1.75 [44]	----	1.14 [29]	.56 [14]	3.88 [99]	.63 [16]	.31 [8]	120 (14)												
K3A27U4TC38	2	THREE: 6 STR. - 3/0 STR.	9/16" [14]	2.83 [72]	3.00 [76]	1.00 [25]	1.00 [25]	1.20 [30]	.44 [11]	4.25 [108]	.34 [9]	.31 [8]	120 (14)												
K3A27U4N	2	THREE: 6 STR. - 3/0 STR.	9/16" [14]	2.83 [72]	3.00 [76]	1.75 [44]	1.75 [44]	1.20 [30]	.56 [14]	4.25 [108]	.63 [16]	.31 [8]	120 (14)												
K3A29U2N	1	THREE: 6 STR. - 250 kcmil	9/16" [14]	3.01 [76]	3.16 [80]	1.75 [44]	----	1.20 [30]	.56 [14]	4.25 [108]	.63 [16]	.31 [8]	275 (31)												
K3A29U4N	2	THREE: 6 STR. - 250 kcmil	9/16" [14]	3.02 [77]	3.00 [76]	1.75 [44]	1.75 [44]	1.20 [30]	.56 [14]	4.25 [108]	.63 [16]	.31 [8]	275 (31)												
K3A31U2N	1	THREE: 6 STR. - 350 kcmil	9/16" [14]	3.52 [89]	3.16 [80]	1.75 [44]	----	1.39 [35]	.56 [14]	4.50 [114]	.63 [16]	.31 [8]	275 (31)												
K3A31U4N	2	THREE: 6 STR. - 350 kcmil	9/16" [14]	3.52 [89]	3.00 [76]	1.75 [44]	1.75 [44]	1.39 [35]	.56 [14]	4.50 [114]	.63 [16]	.31 [8]	275 (31)												
K3A36U2N	1	THREE: 2 STR. - 600 kcmil	9/16" [14]	3.64 [92]	3.22 [82]	1.75 [44]	----	1.58 [40]	.56 [14]	4.69 [119]	.63 [16]	.44 [11]	550 (62)												
K3A36U4N	2	THREE: 2 STR. - 600 kcmil	9/16" [14]	3.64 [92]	3.22 [82]	1.75 [44]	1.75 [44]	1.58 [40]	.56 [14]	4.69 [119]	.63 [16]	.44 [11]	550 (62)												
KK3A36U2N	3	THREE: 2 STR. - 600 kcmil	9/16" [14]	4.22 [107]	3.00 [76]	1.75 [44]	----	1.52 [39]	.56 [14]	5.50 [140]	.63 [16]	.38 [10]	550 (62)												
KK3A36U4N	4	THREE: 2 STR. - 600 kcmil	9/16" [14]	4.22 [107]	3.00 [76]	1.75 [44]	1.75 [44]	1.52 [39]	.56 [14]	5.50 [140]	.63 [16]	.38 [10]	550 (62)												
K3A40U2N	1	THREE: 300 - 800 kcmil	9/16" [14]	4.83 [123]	3.03 [77]	1.75 [44]	----	1.95 [50]	.56 [14]	4.75 [121]	.63 [16]	.50 [13]	550 (62)												
K3A40U4N	2	THREE: 300 - 800 kcmil	9/16" [14]	4.83 [123]	3.03 [77]	1.75 [44]	1.75 [44]	1.95 [50]	.56 [14]	4.75 [121]	.63 [16]	.50 [13]	550 (62)												
KK3A40U2N	3	THREE: 300 - 800 kcmil	9/16" [14]	4.28 [109]	3.34 [85]	1.75 [44]	----	1.89 [48]	.56 [14]	6.19 [157]	.63 [16]	.56 [14]	550 (62)												
KK3A40U4N	4	THREE: 300 - 800 kcmil	9/16" [14]	5.34 [136]	3.34 [85]	1.75 [44]	1.75 [44]	1.89 [48]	.56 [14]	6.19 [157]	.63 [16]	.56 [14]	550 (62)												
KK3A44U2N	3	THREE: 500 - 1000 kcmil	9/16" [14]	4.79 [122]	3.34 [85]	1.75 [44]	----	1.90 [48]	.56 [14]	6.19 [157]	.63 [16]	.56 [14]	550 (62)												
KK3A44U4N	4	THREE: 500 - 1000 kcmil	9/16" [14]	4.77 [121]	3.34 [85]	1.75 [44]	1.75 [44]	1.90 [48]	.56 [14]	6.19 [157]	.63 [16]	.56 [14]	550 (62)												
NOTES:																									
1. MATERIAL-BODY: ALUMINUM SCREW: ALUMINUM																									
2. FINISH-BODY: TIN PLATED SCREW: TIN PLATED																									
3. CONNECTORS ARE UL LISTED TO UL486A- 486B FOR ALUMINUM AND COPPER CONDUCTORS AT 90°C. STAMP MAY READ CU9AL OR AL9CU TO INDICATE THIS LISTING.																									
4. CONNECTORS ARE CSA CERTIFIED TO C22.2, NO. 65 FOR INDICATED CONDUCTOR RANGE.																									
5. "N" INDICATES NEMA STANDARD STUD HOLES.																									
6. LISTED TORQUE VALUES ARE FOR MAXIMUM CONDUCTOR SIZES ACCOMMODATED. CONSULT UL486 TABLES 7-4, 7-5, & 7-6 FOR SMALLER CONDUCTOR SIZES.																									
7. SLOTTED SCREW.																									
8. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE NOTED, AND ARE FOR REFERENCE ONLY.																									
9. NOT RECOMMENDED FOR USE IN HIGHLY CORROSIVE ENVIRONMENT.																									
TO ORDER BURNDY@PRODUCTS CALL																									
UNITED STATES: 1-800-346-4175 (LONDONDERRY, NH)																									
CANADA: 1-800-361-6915 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)																									
FOR PRODUCT INFO: http://www.burndy.com																									
CONNECTOR SIZE																									
TOLERANCES																									
L																									
8C - 25 ±.09																									
26 - 34 ±.12																									
35 AND UP ±.15																									
ITEM NO: N/A																									
CAT. NO: K3A-U (SEE TABLE)																									
DRAWN BY: P. LAPONIUS 04/10/97																									
CHECKER: J. MICHAUD 04/21/97																									
DSW APPVL: K. MELLO 04/30/97																									
MFG APPVL: --																									
QA APPVL: D. VARIO 05/02/97																									
MKT APPVL: P. WERTHMAN 05/01/97																									
PROD FAM: CM&R Mechanical																									
PROJECT #: --																									
DOCUMENT TYPE: Sales																									
REL LEVEL: Released																									
DRAWING NO																									
REV																									
SE210997																									
SHEET 3 OF 5																									
T																									

[illegible]

REV: CREO 08/10/21

