



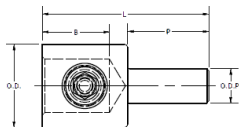
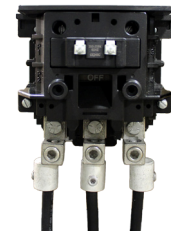
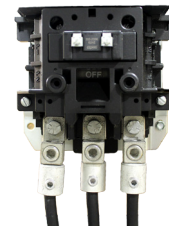
Mechanical Pin Adaptors

Don't Get Caught in a "Pin"ch!

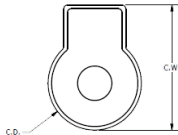


Features & Benefits

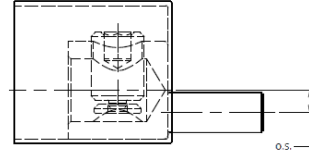
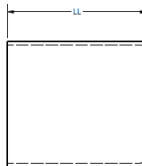
- AL9CU Dual rated for both copper and aluminum conductor
- 600 Volt Rated
- UL Listed to the UL Wire Connector standard UL486A-B
- Rated for use with Flex (fine stranded) conductor
- Range taking conductor port
- Only 3 pin sizes required to accommodate a wire range of #6 AWG to 777.7 DLO
- Off-centered Pin available to reduce center-to-center distance between adjacent pins
- Easy installation with the use of a torque wrench - no crimping tool and/or die required
- Plastisol insulated covers provided with each connector
- Covers are molded to fit around set screws protruding from connector



PIN



COVER



ASSEMBLY

Catalog Number	Wire Range	Pin Dimensions						Cover Dimensions			Assembly Dim.	Installation Torque (in-lbs)	Hex Key	Amp Rating
		O.D.	B (Strip Length)	L	P	O.D.P.	Pin Size Equiv.	C.D.	C.W.	LL	O.S.			
KAP1/0	#6 - 1/0 AWG	1.00	.97	2.01	.84	.29	2 AWG	1.12	1.43	1.92	.56 / [14]	100	1/4"	170
KAP01/0	Class B, C, H, I, K, DLO	[25]	[25]	[51]	[21]	[7]		[28]	[36]	[49]	.27 / [7]			
KAP350	1/0 - 350 kcmil	1.38	1.11	2.75	1.34	.57	250 kcmil	1.50	2.00	2.22	.75 / [19]	450	3/8"	350
KAP0350	Class B, C, H, I, K, DLO	[35]	[43]	[70]	[34]	[14]		[38]	[51]	[56]	.31 / [8]			
KAP750	350 - 750 kcmil	1.75	2.30	4.46	1.76	.81	500 kcmil	1.87	2.37	3.51	.94 / [24]	500	1/2"	535
KAP0750	Class B, C, H, I, K, DLO	[44]	[58]	[113]	[45]	[21]		[48]	[60]	[89]	.38 / [10]			

Customer Service 1-800-346-4175 | Tool Service Center 1-800-426-8720 | Technical Services 1-800-451-4956 | www.burndy.com

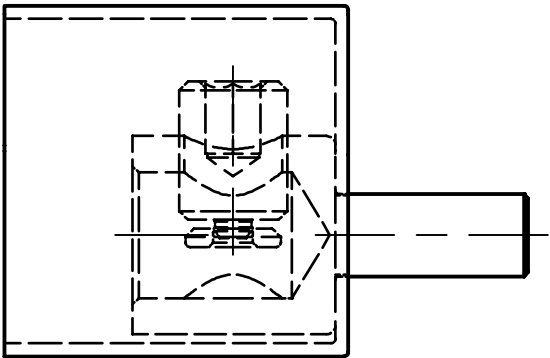
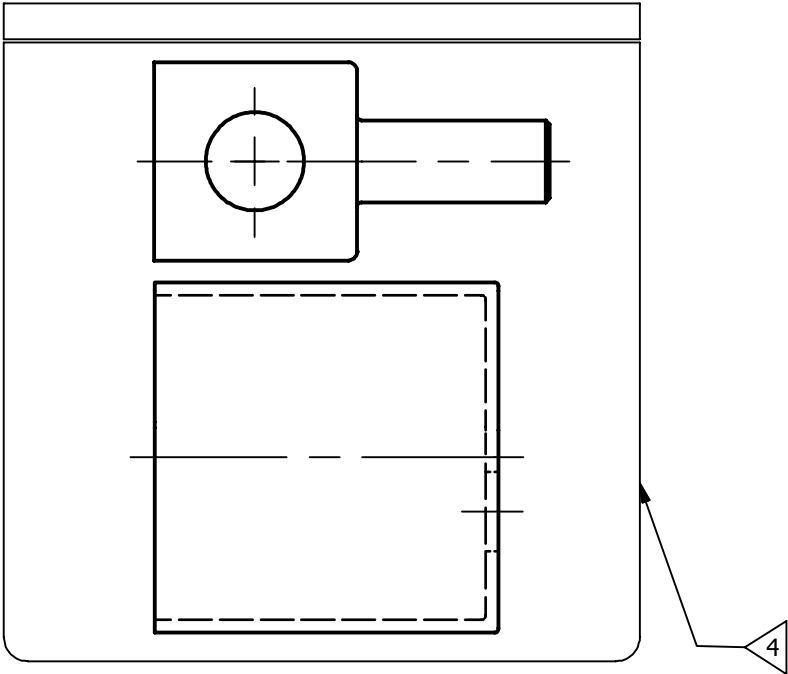


Connecting Power to Your World®

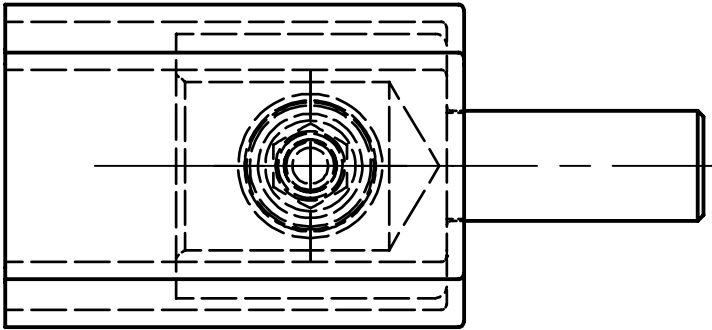
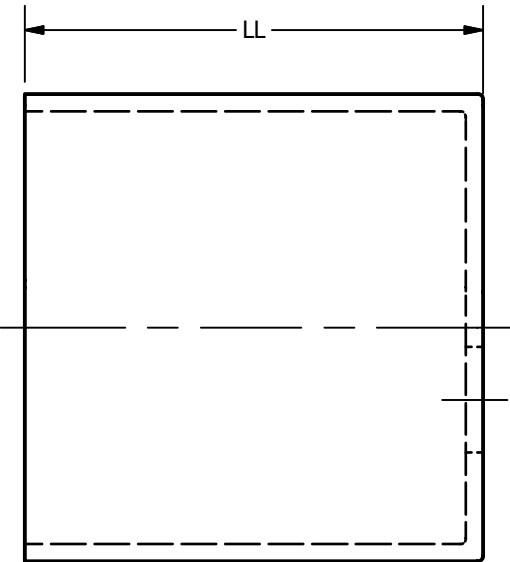
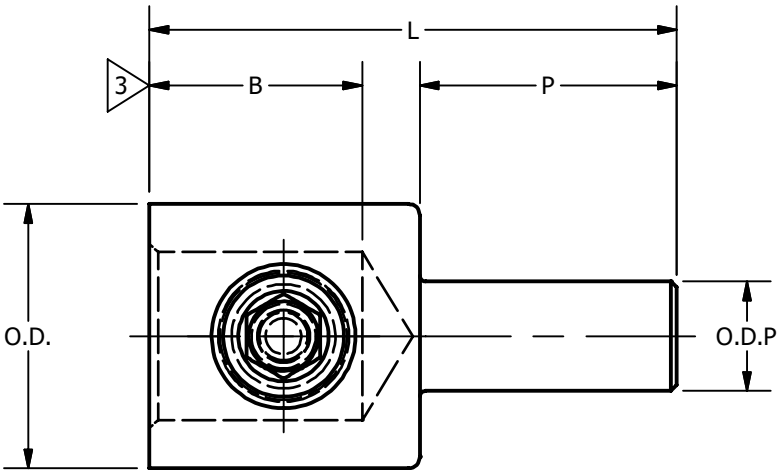


CATALOG NUMBER	ITEM NUMBER	WIRE RANGE	B	LL	L	O.D.	O.D.P	PIN SIZE EQUIV.	P	TORQUE (in-lbs)		HEX	AMP RATING
										RANGE	TORQUE		
KAP1/0	50076484	#6 TO 1/0 AWG CLASS B, C H, I, K, DLO	0.97 [25]	1.47 [37]	2.01 [51]	1.00 [25]	0.29 [7]	2 AWG	0.84 [21]	#6-1/0	100	1/4"	170
KAP350	50076486	1/0 AWG TO 350 kcmil CLASS B, C, H, I, K, DLO	1.11 [28]	1.71 [43]	2.75 [70]	1.38 [35]	0.57 [14]	250 kcmil	1.34 [34]	1/0-350	450	3/8"	350
KAP750	50076488	350 kcmil TO 750 kcmil CLASS B, C, H, I, K, DLO	2.30 [58]	3.05 [77]	4.46 [113]	1.75 [44]	0.81 [21]	500 kcmil	1.76 [45]	350-750	500	1/2"	535

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
E	06/28/2019	UPDATED AS PER MARKUP	51679	YR	WP



SIDE VIEW



VIEW AFTER INSTALLATION



LISTED TO 486A-B, FILE E60155



CERTIFIED TO C22.2, NO. 65, FILE 042860_C_000

NOTES:

- MATERIAL: CONNECTOR - ALUMINUM
INSULATION COVER - POLYPROPELENE 6839
- FINISH: TIN PLATED (CONNECTOR ONLY).
- CONDUCTOR INSERTION LENGTH MINIMUM.
- PACKAGED IN CLEAR POLYBAG.
- DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS ROUNDED OFF TO THE NEAREST MILLIMETER, UNLESS OTHERWISE SPECIFIED AND ARE FOR REFERENCE ONLY.
- VOLTAGE RATING - 600 V.
- AMPERAGE RATING - VALUES BASED ON NFPA 70, TABLE 310.15(B)(16). VALUES MAY VARY BASED ON AMBIENT CONDITIONS AND CONDUCTOR PROPERTIES.

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>

MECHANICAL EQUIPMENT CONNECTOR

ITEM NO: SEE TABLE

CAT. NO: SEE TABLE

DRAWN BY: G.JEBARUBAN 01/27/2017
CHECKER: B.MANIKANDAN 01/27/2017
DSN APRVL: T.REYNOLDS 01/27/2017
MFG APRVL: -- 02/04/2017
QA APRVL: T.WATTS 01/28/2017
MKT APRVL: M.BAILLY 01/28/2017



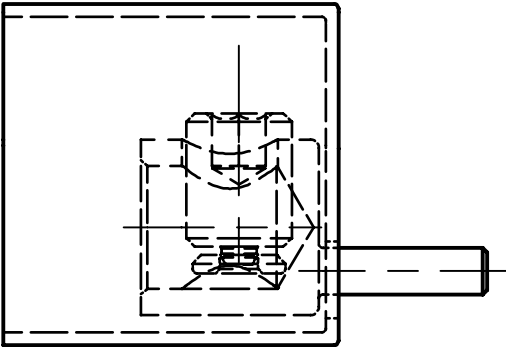
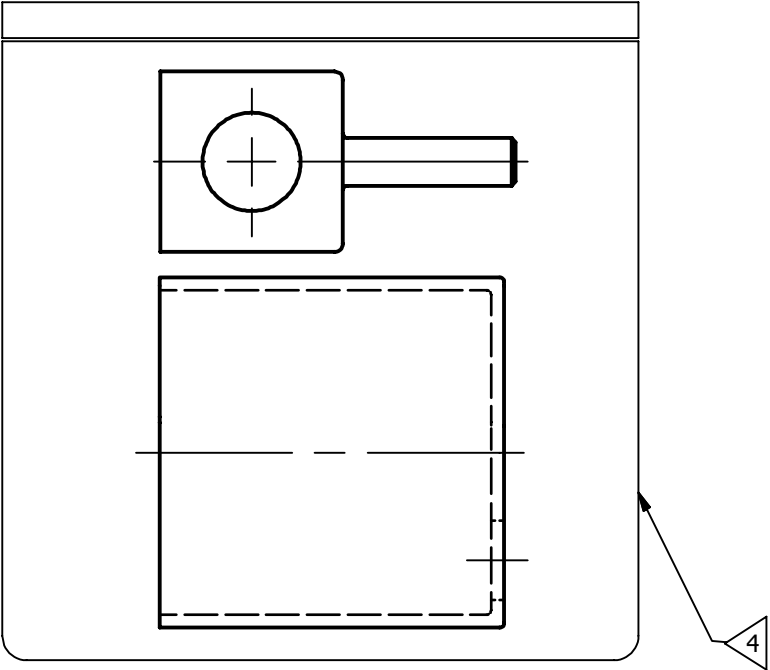
PROD FAM: --
PROJECT #: NPD-01631
DOCUMENT TYPE: SALES
REL LEVEL: Released

DRAWING NO
50076514
SHEET 1 OF 2

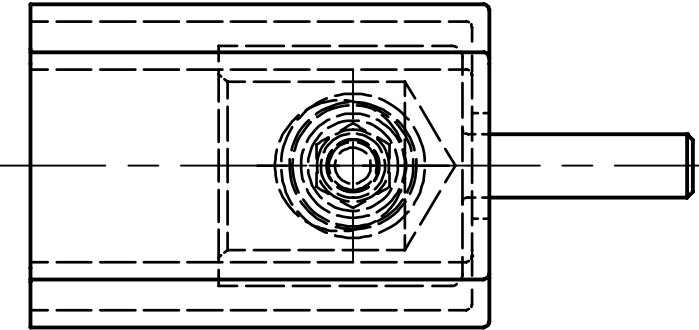
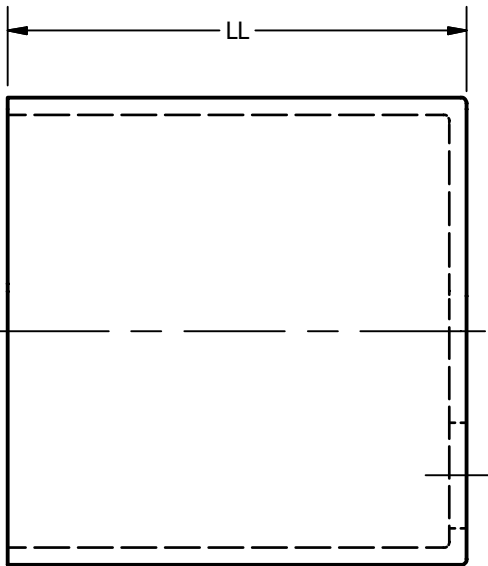
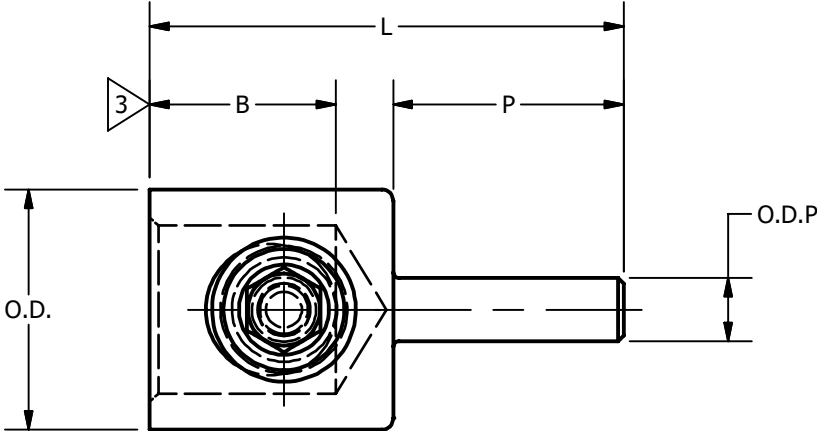
REV
E

CATALOG NUMBER	ITEM NUMBER	WIRE RANGE	B	LL	L	O.D.	O.D.P	PIN SIZE EQUIV.	P	TORQUE (in-lbs)		HEX	AMP RATING
										RANGE	TORQUE		
KAPO1/0	50076502	#6 TO 1/0 AWG CLASS B, C H, I, K, DLO	0.97 [25]	1.47 [37]	2.01 [51]	1.00 [25]	0.29 [7]	2 AWG	0.84 [21]	#6	80	1/4"	170
										#4-1/0	100		
KAPO350	50076504	1/0 AWG TO 350 kcmil CLASS B, C, H, I, K, DLO	1.11 [28]	1.71 [43]	2.75 [70]	1.38 [35]	0.57 [14]	250 kcmil	1.34 [34]	1/0-4/0	220	3/8"	350
										250-350	450		
KAPO750	50076506	350 kcmil TO 750 kcmil CLASS B, C, H, I, K, DLO	2.30 [58]	3.05 [77]	4.46 [113]	1.75 [44]	0.81 [21]	500 kcmil	1.76 [45]	350-750	500	1/2"	535

REV	DATE	DESCRIPTION	ECO	BY	C'H'K.
E	06/28/2019	UPDATED AS PER MARKUP	51679	YR	WP



SIDE VIEW



VIEW AFTER INSTALLATION



LISTED TO 486A-B, FILE E60155



CERTIFIED TO C22.2, NO. 65, FILE 042860_C_000

NOTES:
1. REFER SHEET 1 FOR NOTES.

TO ORDER BURNDY® PRODUCTS CALL				MECHANICAL EQUIPMENT CONNECTOR			
UNITED STATES 1-800-346-4175 (LONDONDERRY, NH)				ITEM NO: SEE TABLE			
CANADA: 1-800-361-6975 (QUEBEC) 1-800-387-6487 (ALL OTHER PROVINCES)				CAT. NO: SEE TABLE			
FOR PRODUCT INFO: http://www.burndy.com				DRAWN BY: G.JEBARUBAN	01/27/2017		
				CHECKER: B.MANIKANDAN	01/27/2017		
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				MFG APRVL: --	02/04/2017		
				QA APRVL: T.WATTS	01/28/2017		
				MKT APRVL: M.BAILLY	01/28/2017		
				PROD FAM: --		DRAWING NO	REV
				PROJECT #: NPD-01631	SIZE	50076514	E
				DOCUMENT TYPE: SALES	B		
				REL LEVEL: Released		SHEET 2 OF 2	