

DRAWING NO. SD073376		7		6		5		4		3		2		1											
		HAND TOOL OR HYDRAULIC 7 CONNECTOR PROGRAM								HYDRAULIC TOOL ONLY 4 CONNECTOR PROGRAM				REV F		DATE 06/25/2014 00:00:00 AM		DESCRIPTION UPDATED AS PER WORKUP		ECO 36507		BY SVY		C.H.K. MB	
CATALOG NUMBER		YHO100	YHO150	YHD200	YHD250	YHD300	YHD350	YHD400	YHO125	YHD250	YHD350	YHD400													
FIGURE NUMBER		I	I	I	I	I	I	I	I	I	I	I													
ACCOMMODATES	GROOVE A (RUN)	ACSR	#6 - #2	#3 - 1/0	1/0 - 2/0	3/0 - 4/0	#1 - 2/0	3/0 - 4/0	3/0 - 4/0	#6 - 1/0	#1 - 4/0	#1 - 4/0	2/0 - 4/0												
		STR. CU. OR AL.	#6-#4-#1-7STR	#3 3STR - 2/0	2/0 - 3/0	4/0	#1 3STR - 3/0	3/0 - 4/0	3/0 - 4/0	#6 - 1/0	#13 STR - 4/0	#13 STR - 4/0	3/0 - 4/0												
		SOL. CU. OR AL.	#6-#4-#3-#1	#1 -2/0	3/0 - 4/0	250 - 300	2/0 - 4/0	250 - 300	250 - 300	#6 - 2/0	2/0 - 300	2/0 - 300	4/0 - 300												
		COMPACT ACSR	#6-#4-#1	#2 -1/0	2/0 - 3/0	4/0-266 18/1	1/0 - 3/0	3/0-266 18/1	3/0-266 18/1	#6 - 1/0	1/0-266 18/1	1/0-266 18/1	3/0-266 18/1												
		COMPACT STR CU OR AL	#6-#4-#3-#1	#2 -2/0	3/0	4/0 - 266	1/0 - 3/0	4/0 - 266	4/0 - 266	#6 - 2/0	1/0 - 266	1/0 - 266	3/0 - 266												
		METRIC CABLE RANGE CU. OR AL.	16mm ² -35mm ²	25mm ² -70mm ²	60mm ² -85mm ²	85mm ² -120mm ²	50mm ² -85mm ²	85mm ² -120mm ²	85mm ² -120mm ²	16mm ² -60mm ²	50mm ² -120mm ²	50mm ² -120mm ²	70mm ² -120mm ²												
		WIRE DIA. RANGE (in)	.332 - .162	.419 - .260	.470 - .398	.563 - .475	.470 - .336	.563 - .461	.563 - .461	.398 - .162	.563 - .336	.563 - .336	.563 - .414												
		WIRE DIA. RANGE (mm)	[8.4 - 4.1]	[10.6 -6.6]	[11.9 - 10.1]	[14.3 - 11.7]	[11.9 - 8.5]	[14.3 - 11.7]	[14.3 - 11.7]	[10.1 - 4.13]	[14.3 - 8.5]	[14.3 - 8.5]	[14.3 - 10.5]												
	GROOVE B (TAP)	ACSR	#6 - #2	#6 - #2	#6 - #2	#6 - #2	#1 - 2/0	#1 - 2/0	3/0 - 4/0	#6 - #2	#6 - #2	#1 - 2/0	2/0 - 4/0												
		STR. CU. OR AL.	#6-#4-#1-7STR	#6-#1 19STR	#6-#1 19STR	#6-#1 19STR	#1 3STR - 2/0	#1 3STR - 2/0	3/0 - 4/0	#6-#1 19STR	#6-#1 19STR	#13 STR - 2/0	3/0 - 4/0												
		SOL. CU. OR AL.	#6-#4-#3-#1	#6 - 1/0	#6 - 1/0	#6 - 1/0	2/0 - 3/0	2/0 - 3/0	250 - 300	#6 - 1/0	#6 - 1/0	2/0 - 3/0	4/0 - 300												
		COMPACT ACSR	#6-#4-#1	#6 - #1	#6 - #1	#6 - #1	1/0 - 2/0	1/0 - 2/0	3/0-266 18/1	#6 - #1	#6 - #1	1/0 - 2/0	3/0-266 18/1												
		COMPACT STR CU OR AL	#6-#4-#3-#1	#6 - #1	#6 - #1	#6 - #1	1/0 - 3/0	1/0 - 3/0	4/0 - 266	#6 - #1	#6 - #1	1/0 - 3/0	3/0 - 266												
		METRIC CABLE RANGE CU. OR AL.	16mm ² -35mm ²	16mm ² -35mm ²	16mm ² -35mm ²	16mm ² -35mm ²	50mm ² -80mm ²	50mm ² -80mm ²	85mm ² -120mm ²	16mm ² -35mm ²	16mm ² -35mm ²	50mm ² -80mm ²	70mm ² -120mm ²												
		WIRE DIA. RANGE (in)	.332 - .162	.332 - .162	.332 - .162	.332 - .162	.447 - .336	.447 - .336	.563 - .461	.333 - .162	.333 - .162	.447 - .336	.563 - .414												
		WIRE DIA. RANGE (mm)	[8.4 - 4.1]	[8.4 - 4.1]	[8.4 - 4.1]	[8.4 - 4.1]	[11.4 - 8.5]	[11.4 - 8.5]	[14.3 - 11.7]	[8.4 - 4.1]	[8.4 - 4.1]	[11.4 - 8.5]	[14.3 - 10.5]												
H ±.06		1.12 [28.4]	1.13 [28.7]	1.45 [36.8]	1.47 [37.3]	1.42 [36.1]	1.42 [36.1]	1.40 [35.6]	1.15 [29.2]	1.47 [37.3]	1.42 [36.1]	1.40 [35.6]													
L ±.06		1.25 [31.8]	1.50 [38.1]	1.62 [41.1]	1.62 [41.1]	1.62 [41.1]	2.25 [57.2]	2.50 [63.5]	1.62 [41.1]	1.62 [41.1]	2.25 [57.2]	2.50 [63.5]													
W ±.04		.70 [17.8]	.70 [17.8]	.89 [22.6]	.89 [22.6]	.89 [22.6]	.89 [22.6]	.84 [21.3]	.70 [17.78]	.89 [22.6]	.89 [22.6]	.89 [22.6]													
INSTALLATION DATA	Y35, Y750	MD6-8	DIE INDEX	0	0	D3	D3	D3	D3	---	---	---	---												
			DIE SET	PERMANENT DIES IN MD6-8 TOOL INSTALL ALL SIZES								---	---	---	---										
			NO. OF CRIMPS	4	5	5	5	5	7	7	---	---	---	---											
			DIE INDEX	0	0	D3	D3	D3	D3	D3	0	D3	D3	D3											
	Y46		DIE SET	U-0	U-0	U-D3	U-D3	U-D3	U-D3	U-D3	U-0	U-D3	U-D3	U-D3											
			NO. OF CRIMPS	2	2	2	2	2	3	3	2	2	3	3											
			DIE INDEX	0	0	D3	D3	D3	D3	D3	0	D3	D3	D3											
			DIE SET	U-0	U-0	U-D3	U-D3	U-D3	U-D3	U-D3	U-0	U-D3	U-D3	U-D3											
	Y45		NO. OF CRIMPS	2	2	2	2	2	3	3	2	2	3	3											
			DIE INDEX	0	0	D3	D3	D3	D3	D3	0	D3	D3	D3											
			DIE SET	U-0	U-0	U-D3	U-D3	U-D3	U-D3	U-D3	U-0	U-D3	U-D3	U-D3											
			NO. OF CRIMPS	2	2	2	2	2	3	3	2	2	3	3											

2-6 ACSR-1 COMP - 6 SOL

BURNDY

YHO-100 DIE 0

2-6 ACSR-1 COMP - 6 SOL

TYPICAL LETTERING

GROOVE A (RUN)
PENETROX™ LINED

GROOVE B (TAP)
PENETROX™ LINED

H

W

L

FIGURE 1

NOTES:

1. MATERIAL: ALUMINUM.

2. FOR CONDUCTOR COMBINATIONS OF AL. TO AL. OR AL. TO CU.

3. U-DIES MAY BE USED WITH ADAPTER CAT. # 'PT6515' FOR Y45 & 'P-UADP-1' FOR Y46.

4. FOR MD6 TOOL USE W-O DIE INSERT, D3 DIE GROOVE IS PERMANENT.

5. EACH CONNECTOR INDIVIDUALLY BOXED.

6. ALL DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS.

HYCRIMPTM TAP

ITEM NO: --

CAT. NO: YH--- (TABLE)

DRAWN BY: M.A.H. 03/28/72

CHECKER: O.K.R. 03/28/72

DSN APPVL: --

MFG APPVL: N/A

QA APPVL: --

MKT APPVL: --

PROD FAM: --

PROJECT #: --

DOCUMENT TYPE: Sales

REL LEVEL: Released

SCALE: 1:1

DRAWING NO

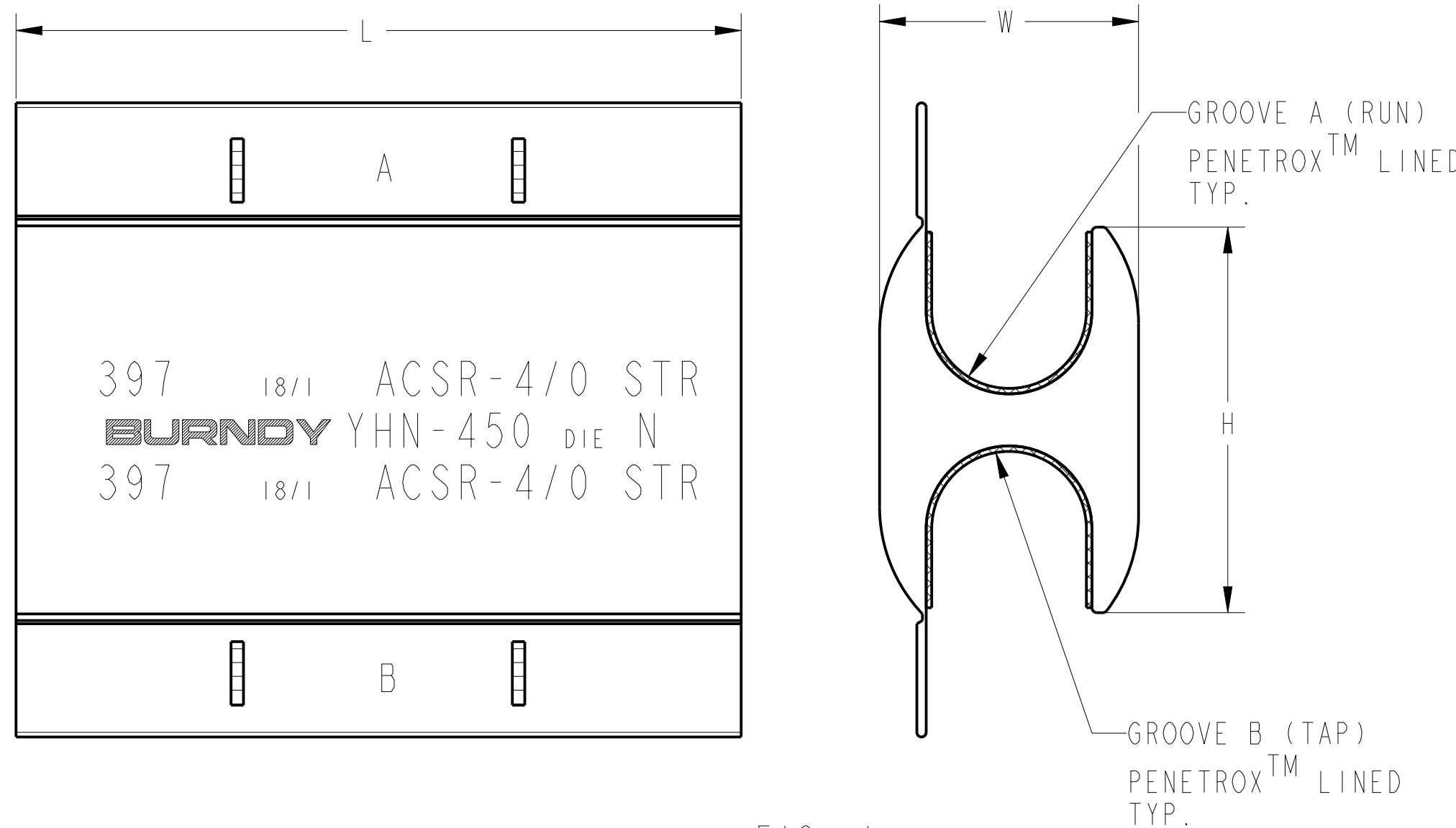
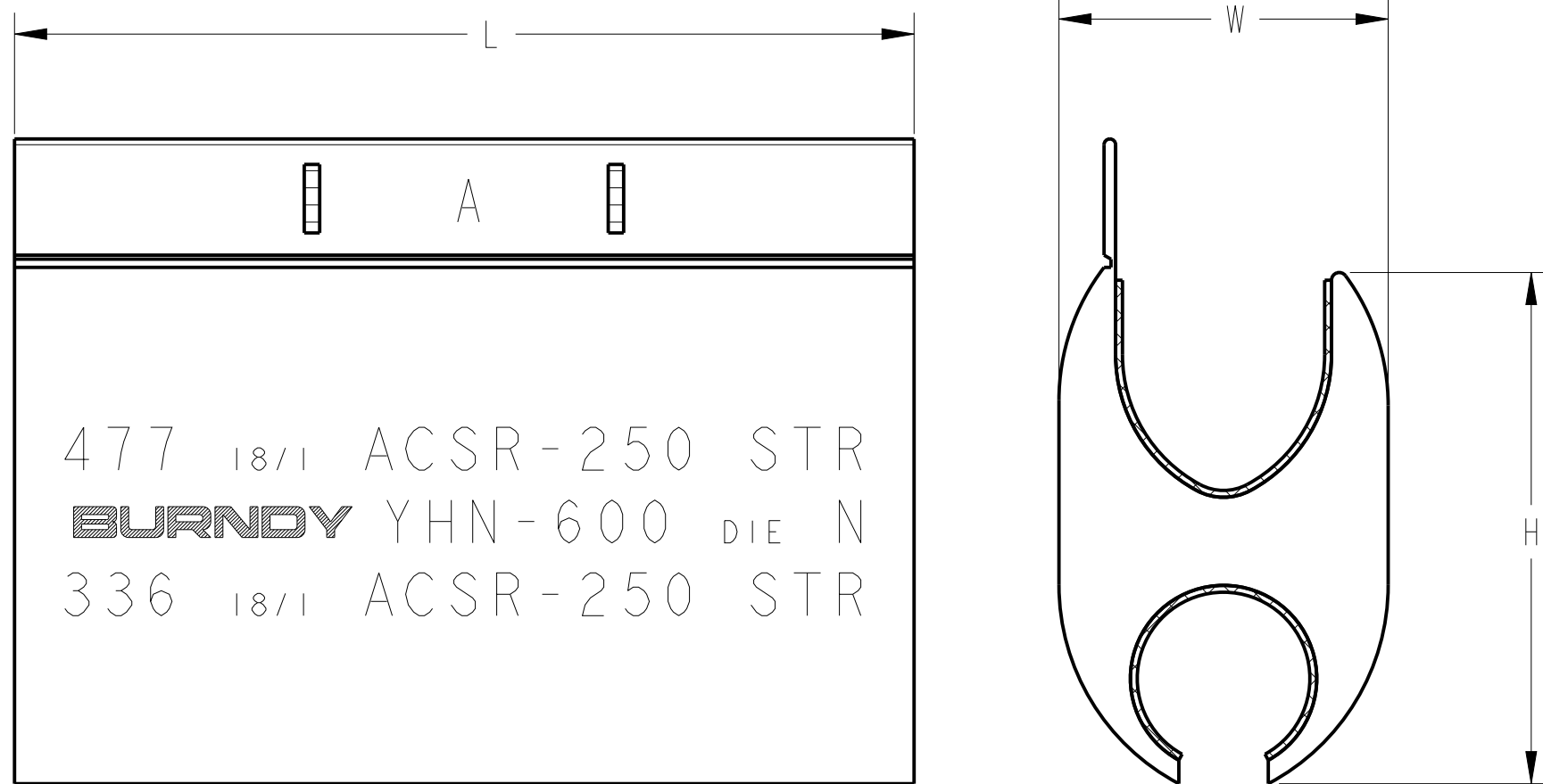
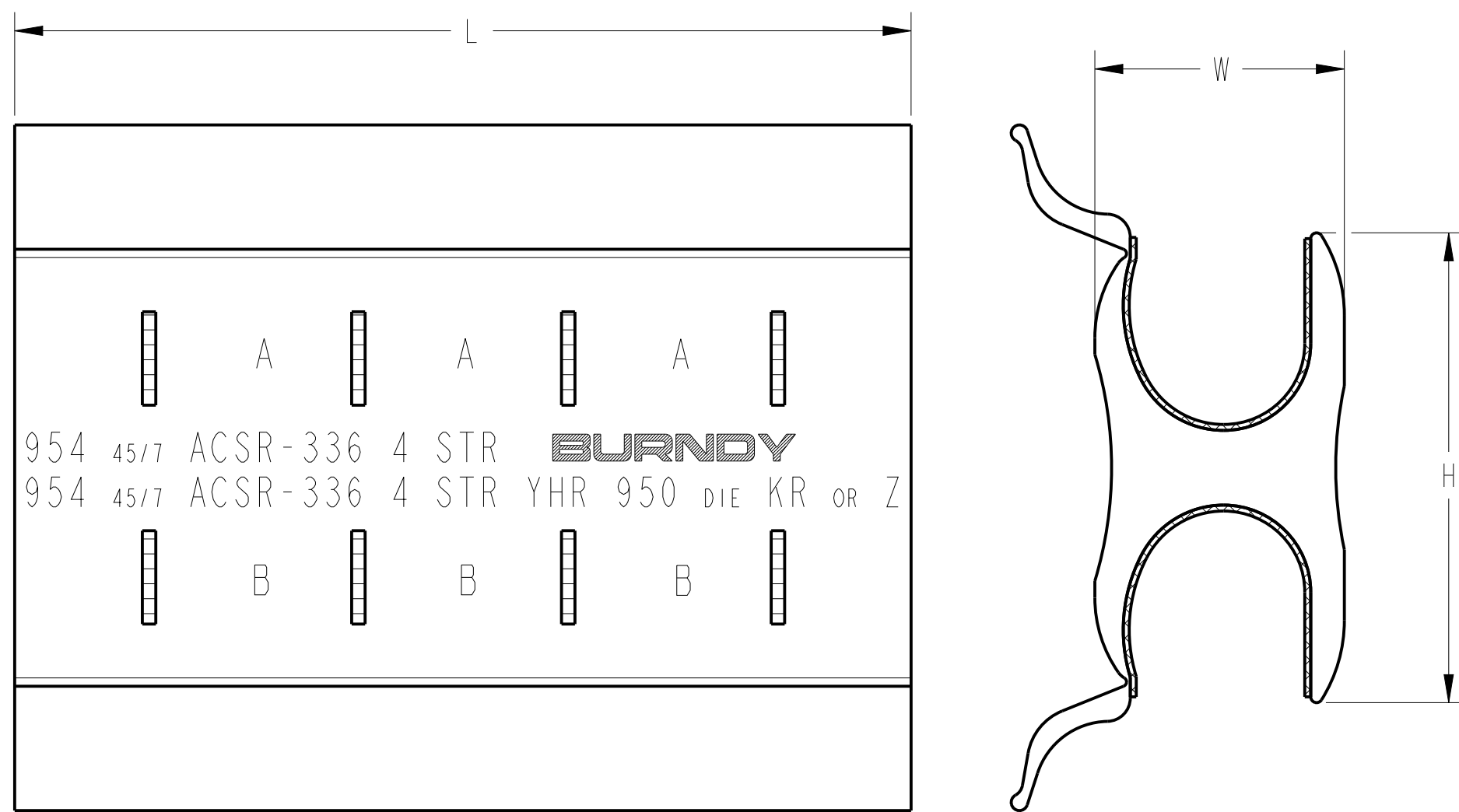
REV

SD073376

F

SHEET 1 OF 2

BURNDY

DRAWING NO. SD073376		7		6		5		4		3		2		1																	
												REV F		DATE 06/25/2014 00:00:00 AM		DESCRIPTION UPDATED AS PER WORKUP		ECO 36507		BY SVY		C/H/K. MB									
												'N' DIE CONNECTORS						'R' DIE CONNECTORS													
CATALOG NUMBER		YHN450		YHN500		YHN525		YHN550		YHN600		YHR700		YHR750		YHR800		YHR850		YHR900		YHR950									
FIGURE NUMBER		1		1		3		1		2		1		1		1		1		1		3									
D	ACCOMMODATES <2> GROOVE A (RUN)	ACSR		4/0-397.5 18/1		4/0-477 18/1		4/0-477 18/1		266-477 18/1		266-477 18/1		300 - 556 18/1		300 - 556 18/1		556.5 18/1-795 26/7		556.5 18/1-795 26/7		556.5 18/1-795 26/7		336.4 18/1-954 45/7							
		STR. CU. OR AL.		4/0 - 400		4/0 - 500		4/0 - 500		250 - 500		250 - 500		336 - 600		336 - 600		600 - 900		600 - 900		600 - 900		336.4 - 1000							
		SOL. CU. OR AL.		----		----		----		----		----		----		----		----		----		----		----		----					
		COMPACT ACSR		266.8-477 18/1		266.8 - 556.5		266.8 - 556.5		300 - 556.5		300 - 556.5		397 - 636		397 - 636		795 - 954		795 - 954		795 - 954		----							
		COMPACT STR CU OR AL		250 - 500		250 - 556		250 - 556		300 - 556		300 - 556		477 - 636		477 - 636		795 - 954		795 - 954		795 - 954		----							
		WIRE DIA. RANGE (in)		.743 - .522		.814 - .522		.814 - .522		.814 - .573		.814 - .574		.893 - .666		.893 - .666		1.108 - .879		1.108 - .879		1.108 - .879		1.165 - .666							
		WIRE DIA. RANGE (mm)		[18.9 - 13.3]		[20.7 - 13.3]		[20.7 - 13.3]		[20.7 - 14.6]		[20.7 - 14.6]		[22.7 - 16.9]		[22.7 - 16.9]		[28.1 - 22.3]		[28.1 - 22.3]		[28.1 - 22.3]		[29.6 - 16.9]							
		ACSR		4/0-397.5 18/1		#6 - 2/0		4/0-477 18/1		2/0 - 4/0		266.8 - 336.4 18/1		1/0-336.4 18/1		300 - 556 18/1		1/0-336.4 18/1		300 - 556 18/1		556.5 18/1-795 26/7		336.4 18/1-954 45/7							
		STR. CU. OR AL.		4/0 - 400		#6 - 2/0		4/0 - 500		2/0 - 4/0		250 - 350		2/0 - 350		336 - 600		2/0 - 350		336 - 600		600 - 900		336.4 - 1000							
		SOL. CU. OR AL.		336 - 477		#6 - 3/0		---		3/0 - 300		336 - 400		3/0 - 350		---		3/0 - 350		---		---		---							
		COMPACT ACSR		266.8-477 18/1		#6 - 2/0		266.8 - 556.5		2/0 - 266.8		300 - 397.5		2/0-397.5 18/1		397 - 636		2/0-397.5 18/1		397 - 636		795 - 954		----							
		COMPACT STR CU OR AL		250 - 500		#6 - 3/0		250 - 556		3/0 - 266.8		300 - 397.5		3/0 - 397.5		477 - 636		3/0 - 397.5		477 - 636		795 - 954		----							
WIRE DIA. RANGE (in)		.743 - .522		.447 - .162		.814 - .522		.563 - .410		.684 - .574		.684 - .398		.893 - .666		.684 - .398		.893 - .666		1.108 - .879		1.165 - .666									
WIRE DIA. RANGE (mm)		[18.9 - 13.3]		[11.4 - 4.1]		[20.7 - 13.3]		[14.3 - 10.4]		[17.4 - 14.6]		[17.4 - 10.1]		[22.7 - 16.9]		[17.4 - 10.1]		[22.7 - 16.9]		[28.1 - 22.3]		[29.6 - 16.9]									
H ±.06		1.86 [47.2]		1.96 [49.8]		1.82 [46.2]		1.90 [48.3]		2.00 [50.8]		3.04 [77.2]		3.04 [77.2]		3.05 [77.5]		3.04 [77.2]		2.97 [75.4]		3.14 [79.8]									
L ±.06		3.50 [88.9]		1.62 [41.1]		4.50 [114.3]		2.00 [50.8]		3.50 [88.9]		3.50 [88.9]		4.62 [117.3]		3.50 [88.9]		4.62 [117.3]		4.62 [117.3]		6.00 [152.4]									
W ±.04		1.25 [31.8]		1.28 [32.5]		1.23 [31.2]		1.28 [32.5]		1.28 [32.5]		1.74 [44.2]		1.74 [44.2]		1.74 [44.2]		1.74 [44.2]		1.74 [44.2]		1.66 [42.2]									
C	INSTALLATION DATA Y45 <3> Y35, Y150 Y46 <3>	DIE INDEX		N		N		N		N		N		KR		KR		KR		KR		KR		KR							
		DIE SET		P-N		P-N		P-N		P-N		P-N		P-KR		P-KR		P-KR		P-KR		P-KR		P-KR							
		NO. OF CRIMPS		3		2		3		2		3		3		4		3		4		4		5							
		DIE INDEX		N		N		N		N		N		---		---		---		---		---		---							
		DIE SET		U-N		U-N		U-N		U-N		U-N		---		---		---		---		---		---							
		NO. OF CRIMPS		3		2		3		2		3		---		---		---		---		---		---							
		DIE INDEX		N		N		N		N		N		KR, T OR Z		KR, T OR Z		KR, T OR Z		KR, T OR Z		KR, T OR Z		KR							
		DIE SET		S-N		S-N		S-N		S-N		S-N		S-KR, S-T, S-Z		S-KR, S-T, S-Z		S-KR, S-T, S-Z		S-KR, S-T, S-Z		S-KR, S-T, S-Z		S-KR							
		NO. OF CRIMPS		3		2		3		2		3		3 <4>		4 <4>		3 <4>		4 <4>		4 <4>		5							
B																															
																															
																															
A	NOTES:																														
	1. MATERIAL: ALUMINUM.																														
	<2> FOR CONDUCTOR COMBINATIONS OF AL. TO AL. OR AL. TO CU.																														
	<3> U-DIES MAY BE USED WITH ADAPTER CAT. # 'PT6515' FOR Y45 AND 'P-UADP-1' FOR Y46.																														
	<4> FOR MD6 TOOL USE W-O DIE INSERT, D3 DIE GROOVE IS PERMANENT.																														
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