

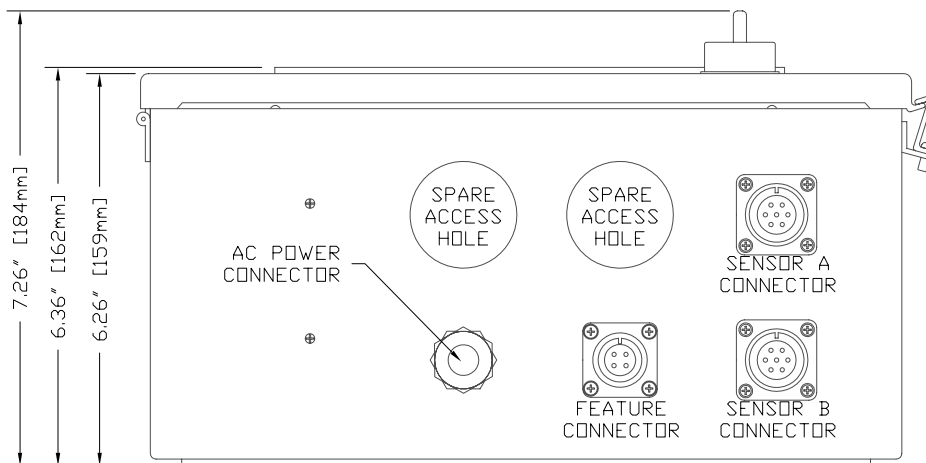
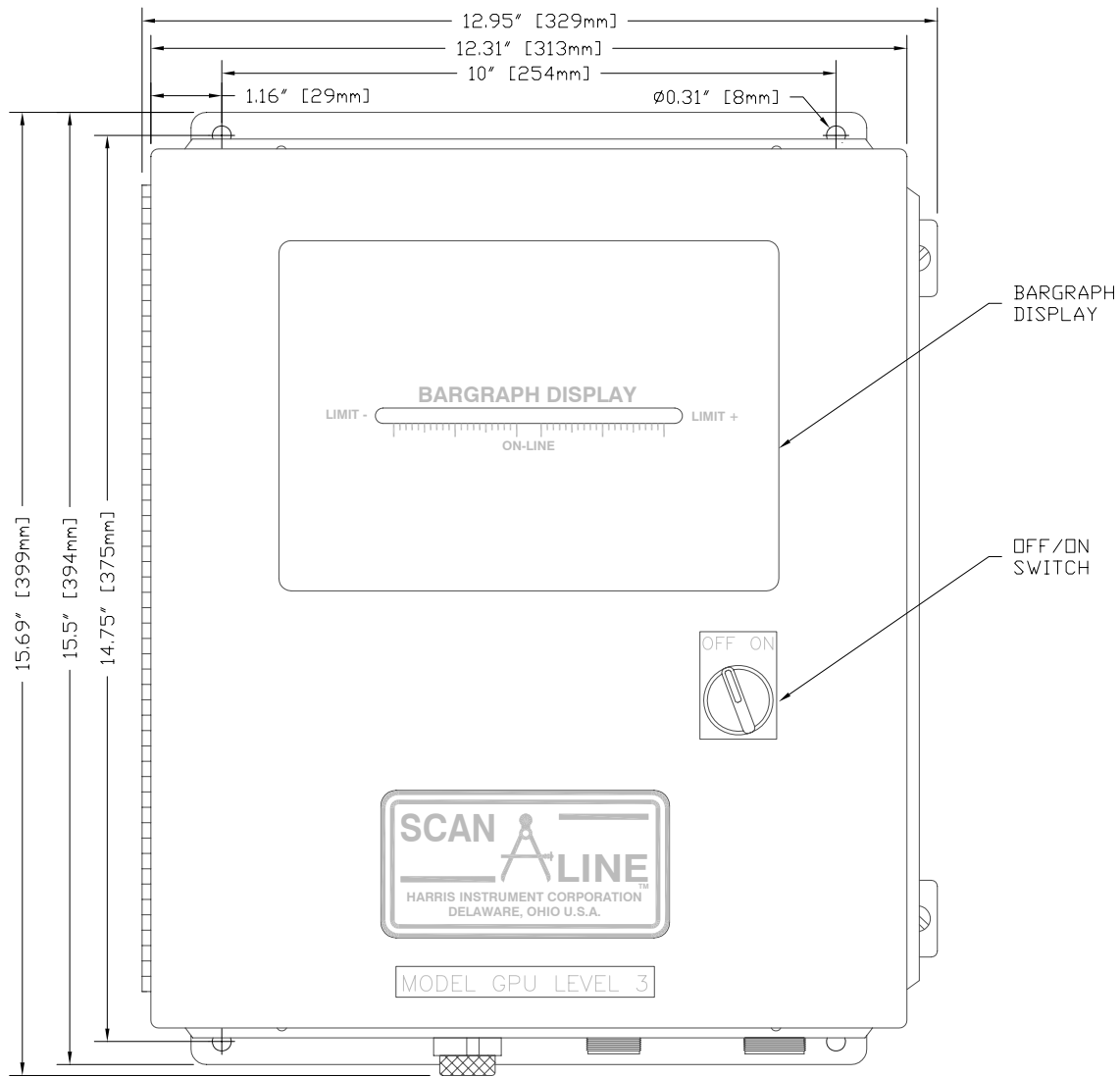
NOTE: UNIT SHOWN ABOVE CONFIGURED WITH THE BGA OPTION - BARGRAPH DISPLAY.

Date	Rev	Record	Auth	ECN #	Reference
					1398181 Pg 1 GPU L-1 Interior View
					1398181 Pg 2 GPU L-1 Interior View Legend

NOTE: LINEAR TOLERANCES ±0.010" (0.254MM) UNLESS NOTED. CUMULATIVE TOLERANCES NOT TO EXCEED 0.025" (0.625MM) UNLESS NOTED. HOLE TOLERANCES +0.010"/-0.000" (+0.253MM/-0MM) UNLESS NOTED. ANGULAR TOLERANCES NOT TO EXCEED 2° UNLESS NOTED.

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Page	Size	Scale	Drawn by	Date	Approved by	Date
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Material				Assembly #		
				N/A		
Drawing Title				Old Drawing #		
Dimensions, Typical Model GPU Level 1 Exterior				1295164 Rev C P 1		
				Part #		
				1298181		

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NOTE: UNIT SHOWN ABOVE CONFIGURED WITH THE BGA OPTION - BARGRAPH DISPLAY.

Date	Rev	Record	Auth	ECN #	Reference
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					1398183 Pg 2 GPU L-3 Interior View Legend

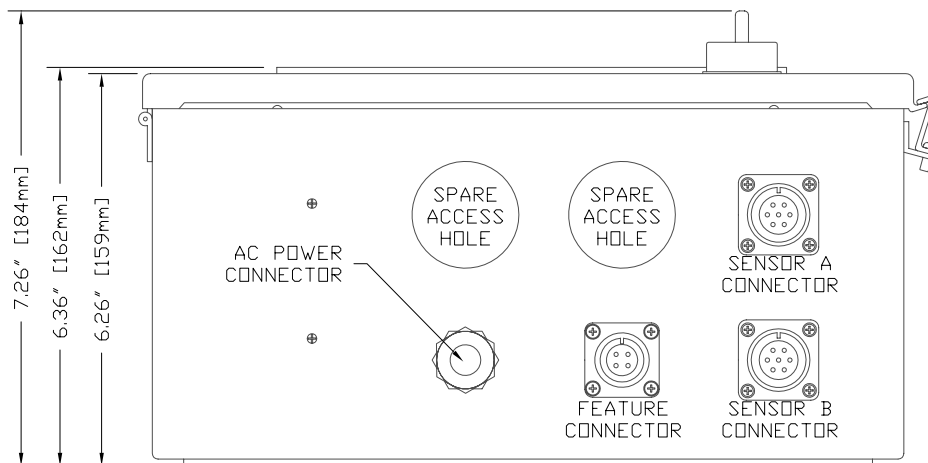
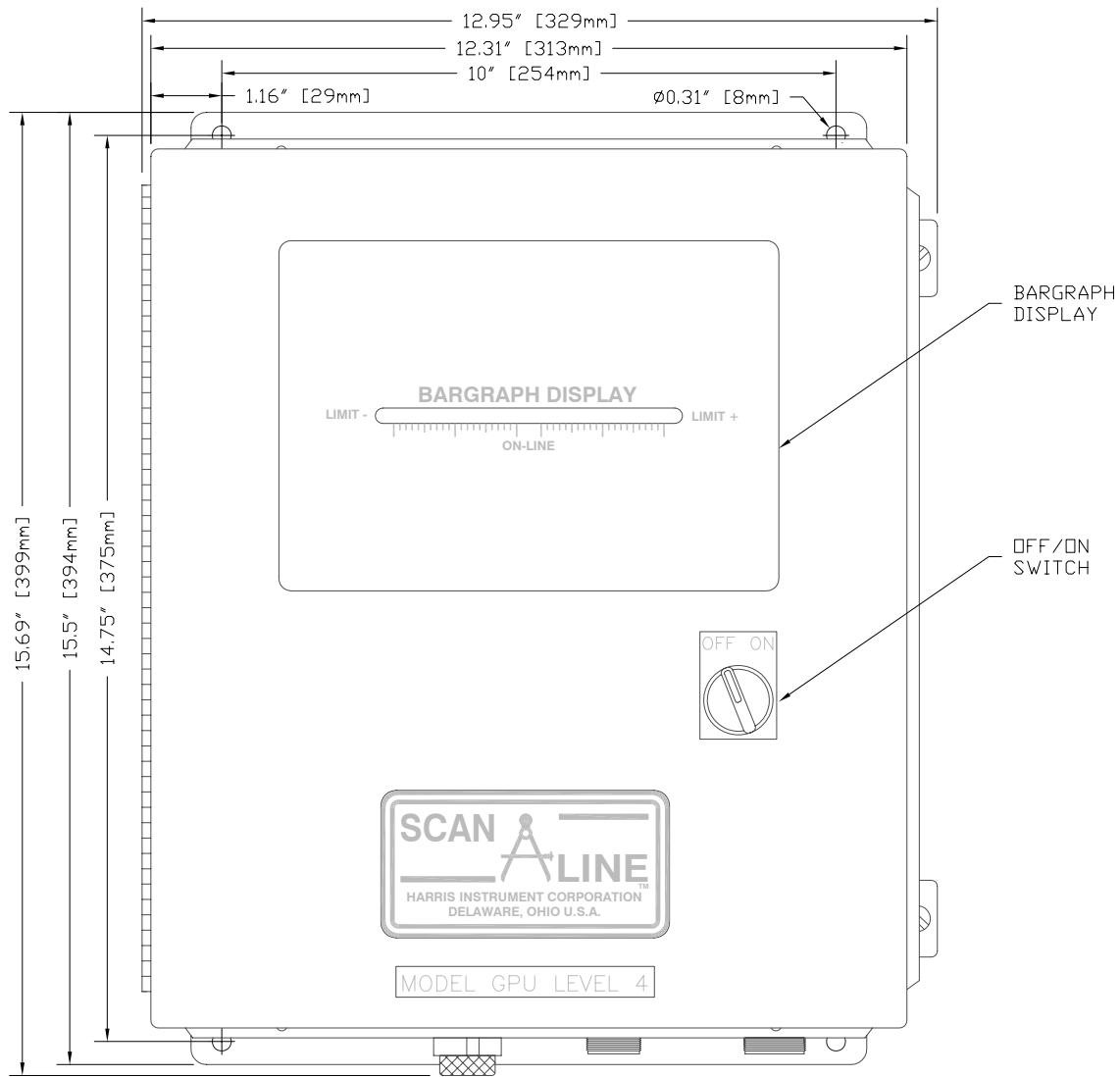
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Drawing Title				Old Drawing #		
Dimensions, Typical Model GPU Level 3 Exterior				1295164 Rev C P 1		
				Part #		1298183

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NOTE: UNIT SHOWN ABOVE CONFIGURED WITH THE BGA OPTION - BARGRAPH DISPLAY.

Date	Rev	Record	Auth	ECN #	Reference
					1398184 Pg 1 GPU L-4 Interior View
					1398184 Pg 2 GPU L-4 Interior View Legend

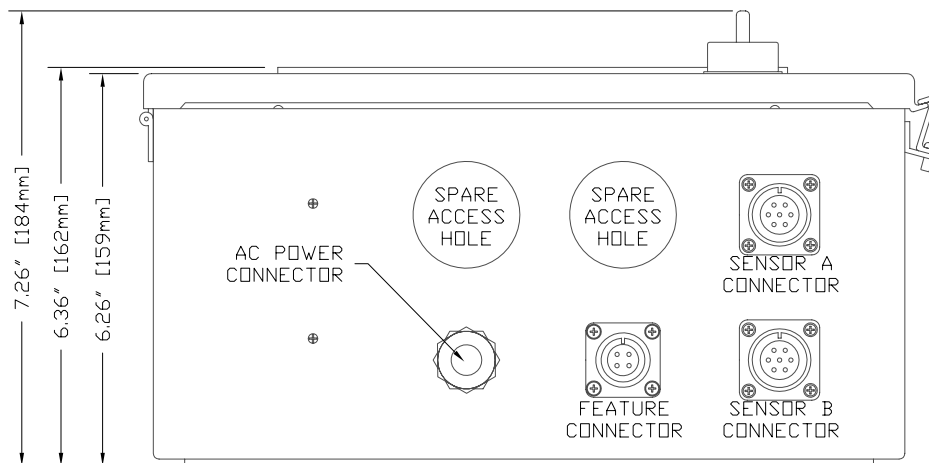
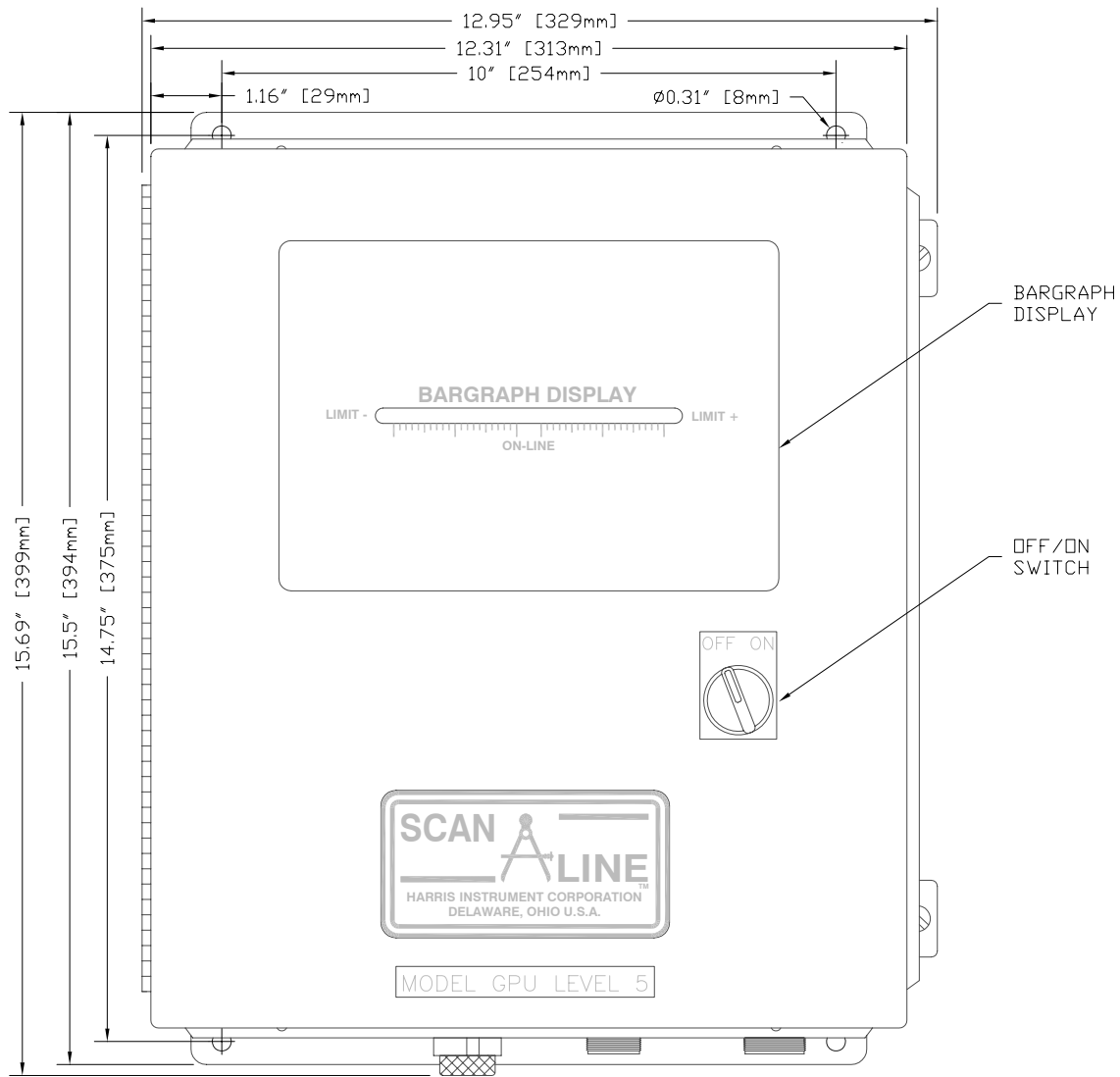
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Drawing Title				Old Drawing #		
Dimensions, Typical Model GPU Level 4 Exterior				1295164 Rev C P 1		
				Part #		1298184

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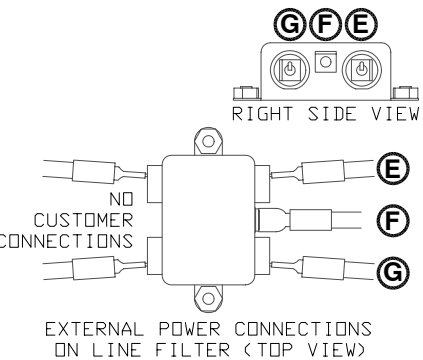
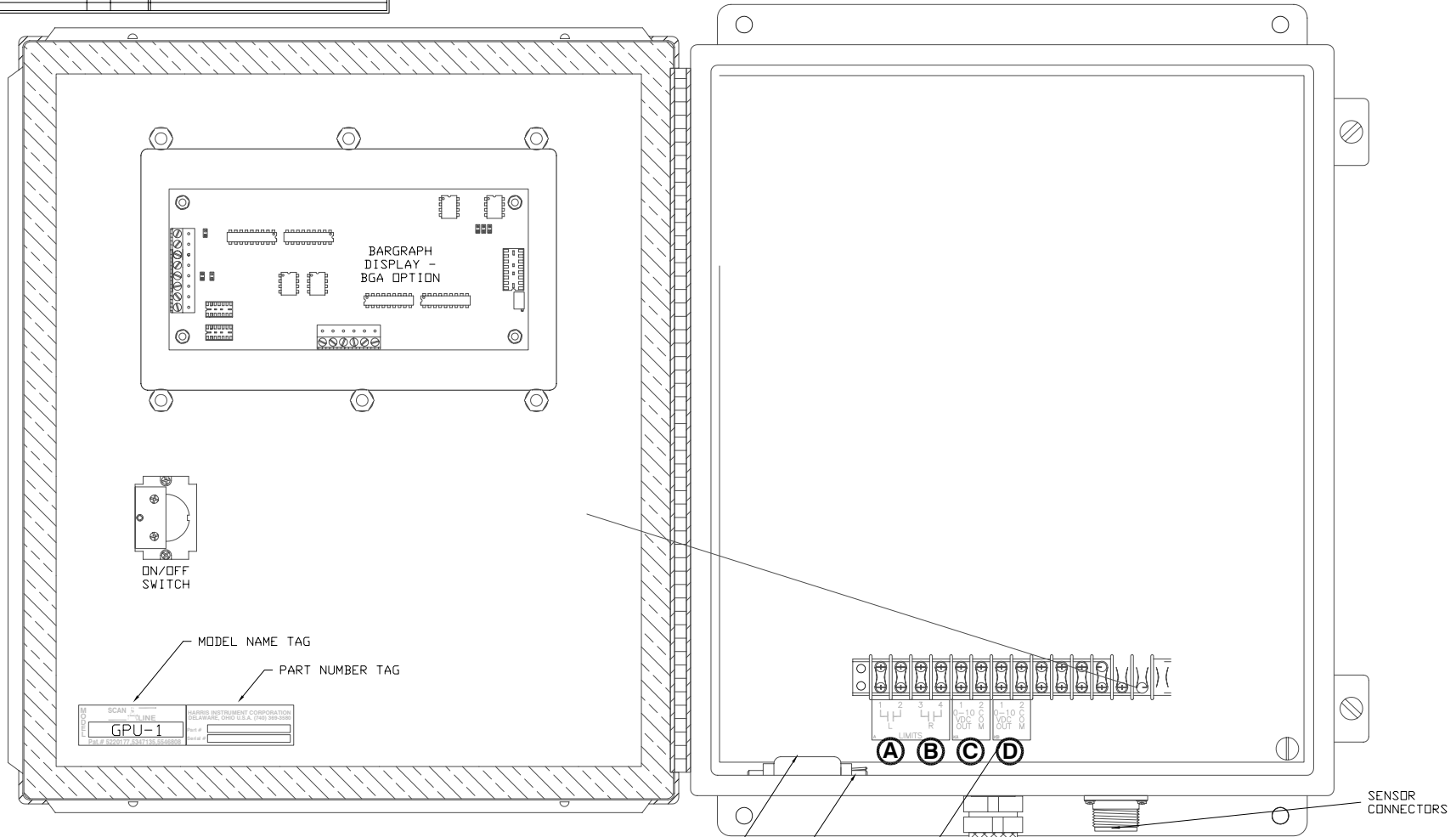
Date	Rev	Record	Auth	ECN #	Reference
					1398185 Pg 1 GPU L-5 Interior View
					1398185 Pg 2 GPU L-5 Interior View Legend

NOTE: LINEAR TOLERANCES ±0.010" (0.254MM) UNLESS NOTED. CUMULATIVE TOLERANCES NOT TO EXCEED 0.025" (0.625MM) UNLESS NOTED. HOLE TOLERANCES +0.010"/-0.000" (+0.253MM/-0MM) UNLESS NOTED. ANGULAR TOLERANCES NOT TO EXCEED 2° UNLESS NOTED.

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Material				Assembly #		
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Drawing Title				Old Drawing #		
Dimensions, Typical Model GPU Level 5 Exterior				1295164 Rev C P 1		
				Part #		
				1298185		

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Date	Rev	Record	Auth	ECN #	Reference
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					129818 Pg 2 GPU L-1 Interior View Legend
					443/075 GPU-1 Mounting Plate Assembly

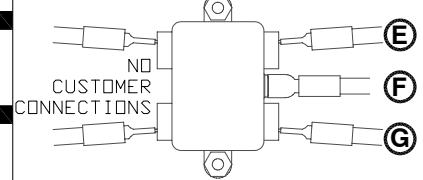
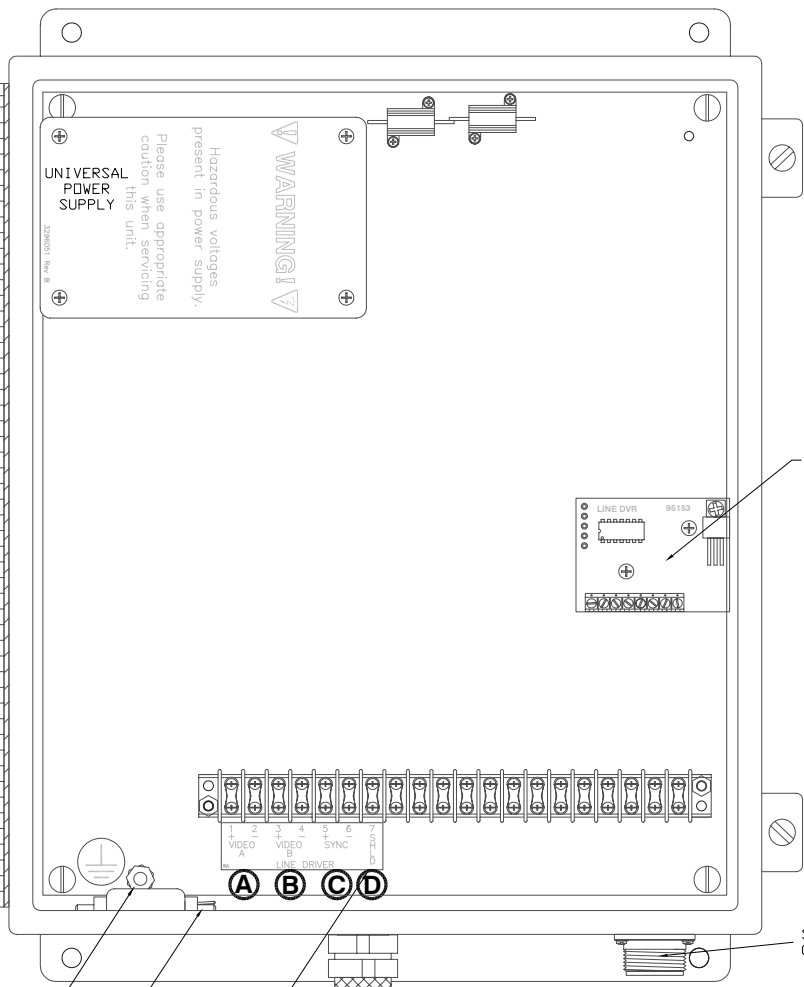
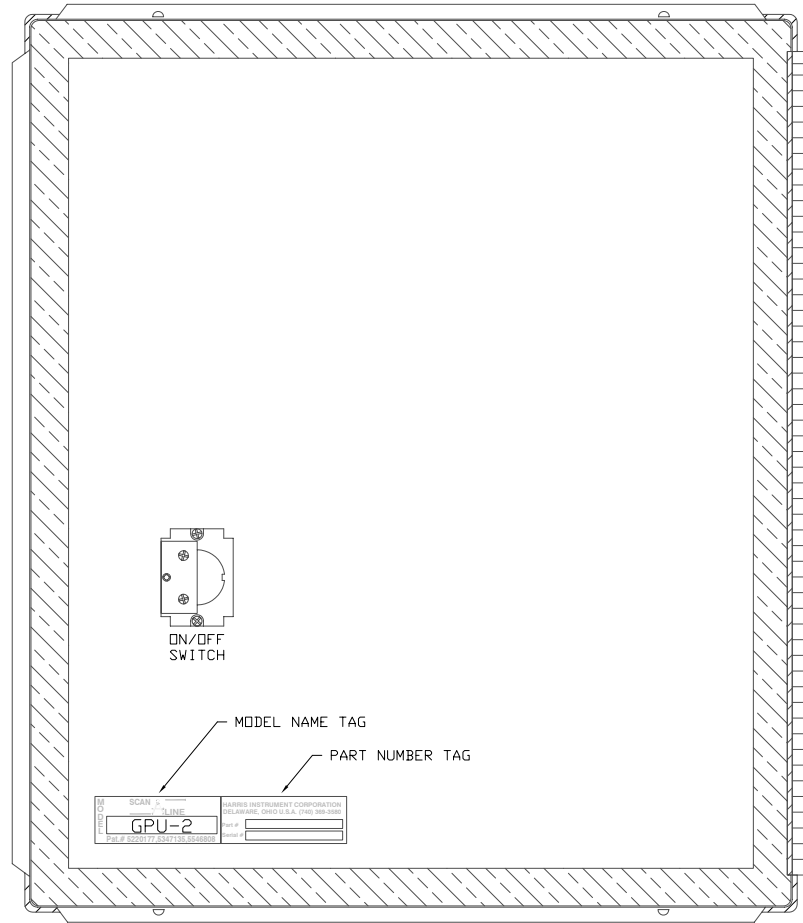


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THE UNIT SHOWN ABOVE IS CONFIGURED WITH THE OPTIONAL BARGRAPH DISPLAY - BGA OPTION.

Date	Rev	Record	Auth	ECN #	Reference
					1298182 GPU L-2 Dimensions
					1398182 Pa 2 GPU L-2 Interior View Legend
					4497077 GPU L-2 Mounting Plate Assembly




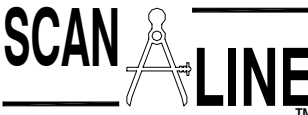
NOTE: LINEAR TOLERANCES $\pm 0.010"$ (0.254MM) UNLESS NOTED. CUMULATIVE TOLERANCES NOT TO EXCEED $0.025"$ (0.625MM) UNLESS NOTED. HOLE TOLERANCES $+0.010"/-0.000"$ (+0.025MM/-0MM) UNLESS NOTED. ANGULAR TOLERANCES NOT TO EXCEED 2° UNLESS NOTED.

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Page	Size	Scale	Drawn by	Date	Approved by	Date
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Part Revision	DWG Revision	EVD #	EPS #	Standard Finish		
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Material				Assembly #		
				N/A		
Drawing Title				Old Drawing #		
Interior View, Model GPU Level 2				1395099 Rev C P 2		
				Drawing #		
				1398182		

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LABEL	POSITION #	POSITION NAME	DESCRIPTION	OTHER INFORMATION
A	RA-1 & RA-2	VIDEO A +/-	BIPOLAR COMPLIMENTARY CURRENT LOOP FOR SENSOR A	LESS THAN 5VDC
B	RA-3 & RA-4 *	VIDEO B +/-	BIPOLAR COMPLIMENTARY CURRENT LOOP FOR SENSOR B	LESS THAN 5VDC
C	RA-5 & RA-6	SENSOR SYNC +/-	BIPOLAR COMPLIMENTARY CURRENT LOOP FOR SENSOR SYNC	LESS THAN 5VDC
D	RA-7	CIRCUIT SHEILD	CABLE SHIELD DRAIN	N/A
E	LINE	LINE POWER INPUT	EXTERNAL POWER LINE CONNECTOR (BLACK)	85VAC-264VAC @ 47-440Hz
F	GROUND	GROUND POWER INPUT	EXTERNAL POWER GROUND CONNECTOR (GREEN/YELLOW)	85VAC-264VAC @ 47-440Hz
G	NEUTRAL	NEUTRAL POWER INPUT	EXTERNAL POWER NEUTRAL CONNECTOR (WHITE)	85VAC-264VAC @ 47-440Hz

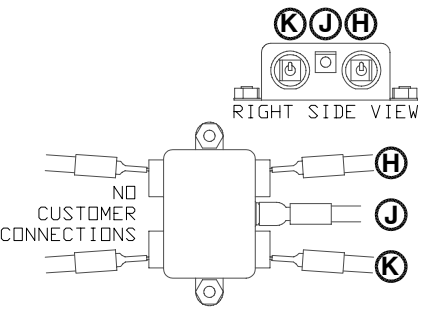
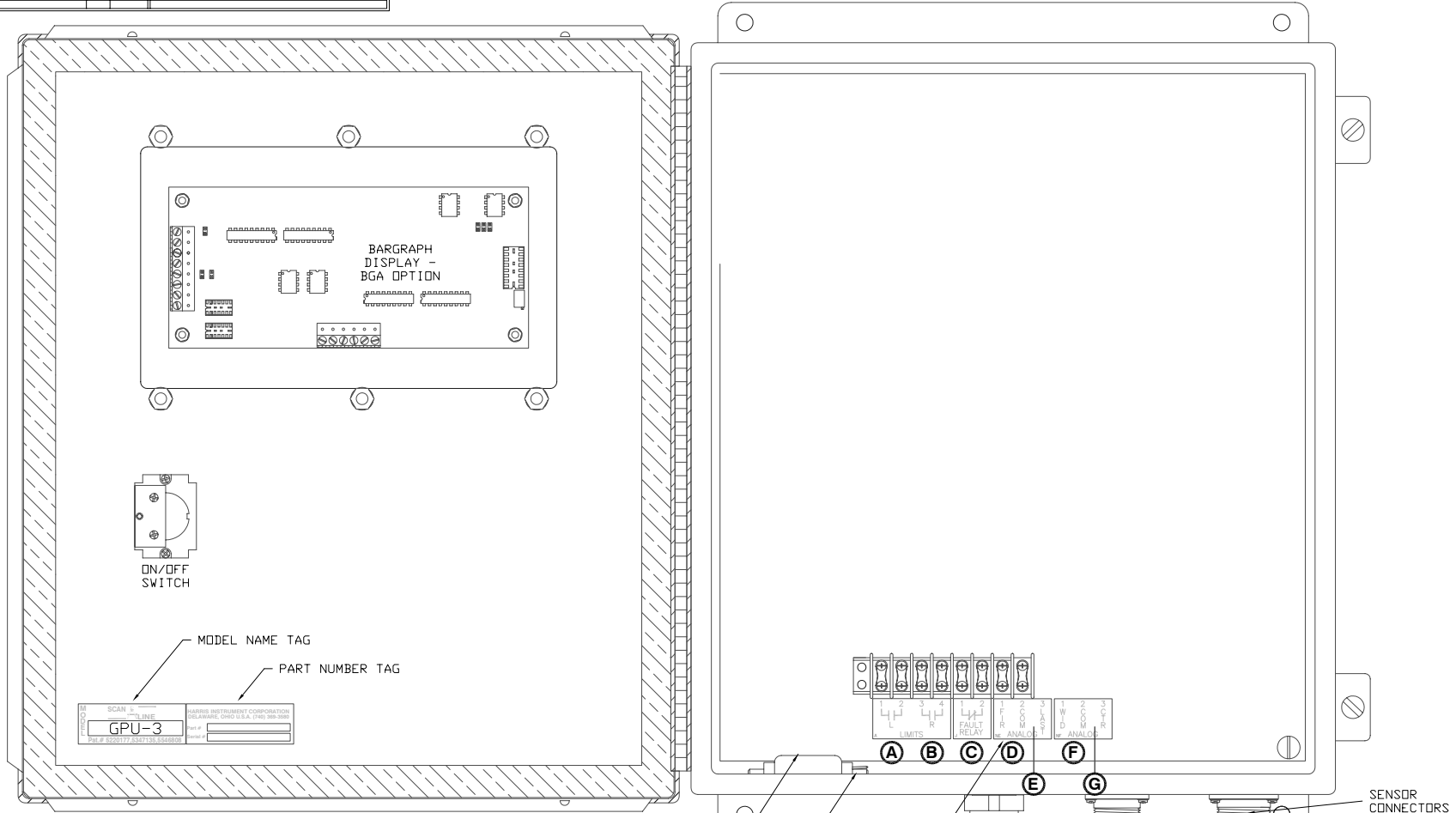
* ONLY USED WITH DUAL 10XAS-SERIES OR 10XBR-SERIES SENSORS SYSTEMS.
SEE SECTION R & DD OF THE GUIDE SYSTEM MANUAL FOR MORE INFORMATION ON CUSTOMER CONNECTIONS

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Page	Size	Scale	Drawn by	Date	Approved by	Date			
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Part Revision		DWG Revision		EVD #	EPS #	Standard Finish			
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Material						Assembly #			
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Drawing Title						Old Drawing #			
Legend, Typical Model GPU Level 2 Customer Connections						N/A			
						Part #			
						1398182			

Date	Rev	Record	Auth	ECN #	Reference
					1298182 GPU L-2 Exterior Dimensions
					1398182 Pg 1 GPU L-2 Interior View

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Date	Rev	Record	Auth	ECN #	Reference
					1298183 GPU L-3 Exterior Dimensions
					1398183 Pg. 2 GPU L-3 Interior View Legend
					4497078 GPU L-3 Mounting Plate Assembly



EXTERNAL POWER CONNECTIONS ON LINE FILTER (TOP VIEW)

GROUND LUG
EXTERNAL POWER CONNECTIONS ON LINE FILTER

CUSTOMER CONNECTIONS

FEATURE CONNECTOR

SENSOR CONNECTORS

NOTE: LINEAR TOLERANCES ±0.010" (0.254MM) UNLESS NOTED. CUMULATIVE TOLERANCES NOT TO EXCEED 0.025" (0.625MM) UNLESS NOTED. HOLE TOLERANCES +0.010"/-0.000" [+0.253MM/-0MM] UNLESS NOTED. ANGULAR TOLERANCES NOT TO EXCEED 2° UNLESS NOTED.

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Drawing Title				Std Drawing #		
Interior View, Model GPU Level 3				1395099 Rev C P 1		
				Drawing #		
				1398183		

THE UNIT SHOWN ABOVE IS CONFIGURED WITH THE OPTIONAL BARGRAPH DISPLAY - BGA OPTION.

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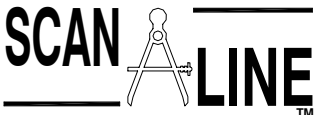
LABEL	POSITION #	POSITION NAME	DESCRIPTION	OTHER INFORMATION
A	A-1 & A-2 *	LEFT LIMIT RELAY	N. O. RELAY. CLOSES IF STRIP EXCEEDS LEFT LIMIT	120VAC, 10VA MAXIMUM
B	A-3 & A-4 *	RIGHT LIMIT RELAY	N. O. RELAY. CLOSES IF STRIP EXCEEDS RIGHT LIMIT	120VAC, 10VA MAXIMUM
C	J-1 & J-2	SENSOR FAULT RELAY	N. O. RELAY. OPENS WITH FAULT CONDITION	120VAC, 10VA MAXIMUM
D	NE-1 & NE-2**	FIRST EDGE ANALOG	ABSOLUTE ANALOG OF STRIP FIRST EDGE POSITION	0 - 9.6VDC, 10mA MAXIMUM
E	NE-3 & NE-2**	LAST EDGE ANALOG	ABSOLUTE ANALOG OF STRIP LAST EDGE POSITION	0 - 9.6VDC, 10mA MAXIMUM
F	NF-1 & NF-2	WIDTH OUTPUT	ABSOLUTE WIDTH ANALOG OF STRIP WIDTH	0 - 9.6VDC, 10mA MAXIMUM
G	NF-3 & NF-2	CENTERLINE OUTPUT	ABSOLUTE POSITION ANALOG OF STRIP CENTERLINE	±9.6VDC, 10mA MAXIMUM
H	LINE	LINE POWER INPUT	EXTERNAL POWER LINE CONNECTOR (BLACK)	85VAC-264VAC @ 47-440Hz
J	GROUND	GROUND POWER INPUT	EXTERNAL POWER GROUND CONNECTOR (GREEN/YELLOW)	85VAC-264VAC @ 47-440Hz
K	NEUTRAL	NEUTRAL POWER INPUT	EXTERNAL POWER NEUTRAL CONNECTOR (WHITE)	85VAC-264VAC @ 47-440Hz

* THESE CONNECTIONS ARE AVAILABLE WITH MODEL GPUS CONFIGURED WITH THE BARGRAPH DISPLAY OPTION (BGA OPTION)
 ** MAY NOT BE AVAILABLE ON ALL MODEL GPU LEVEL 3s.
 SEE SECTIONS R, LL (& GG IF APPLICABLE) OF THE GUIDE SYSTEM MANUAL FOR MORE INFORMATION ON CUSTOMER CONNECTIONS

Date	Rev	Record	Auth	ECN #	Reference
					1398183 GPU L-3 Exterior Dimensions
					1398183 Pg 1 GPU L-3 Interior View

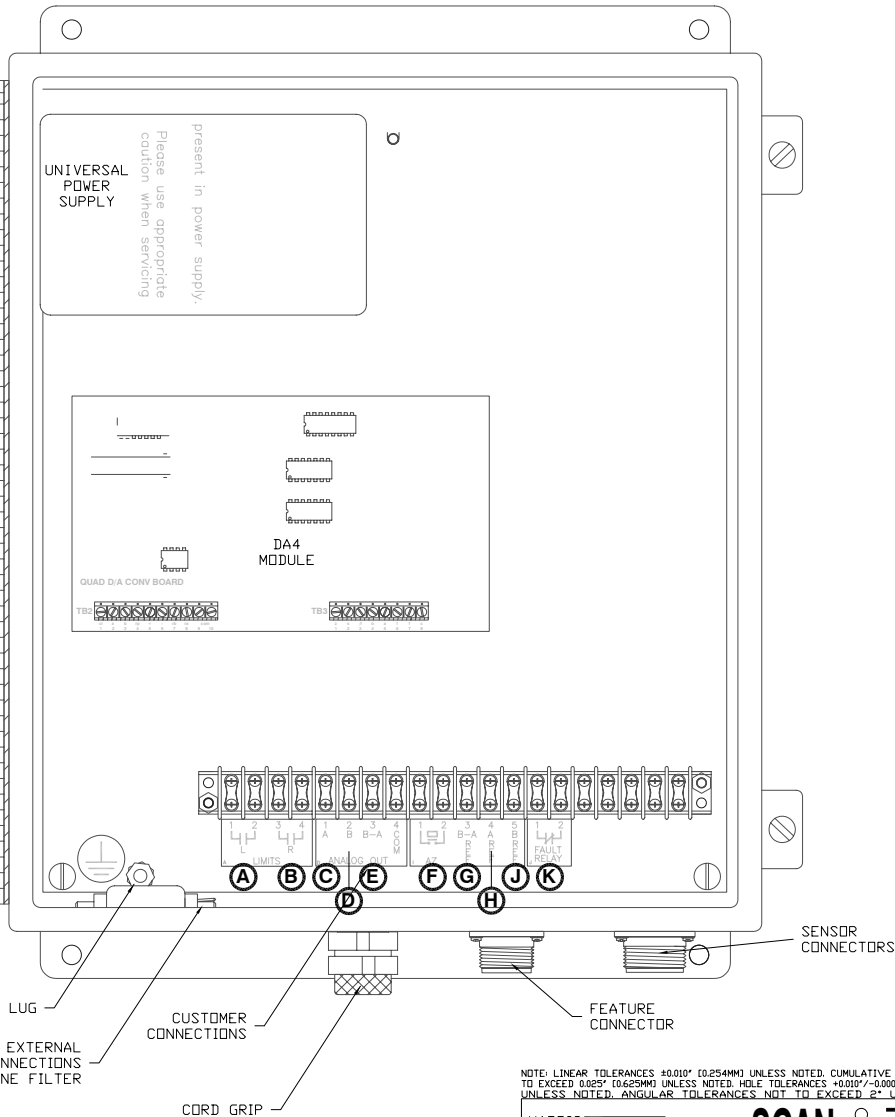
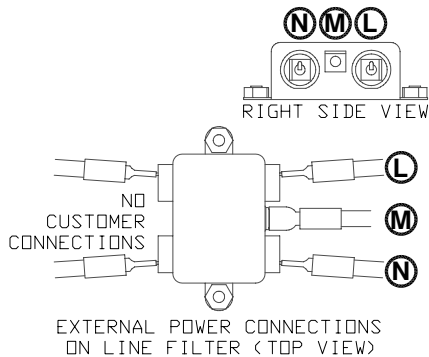
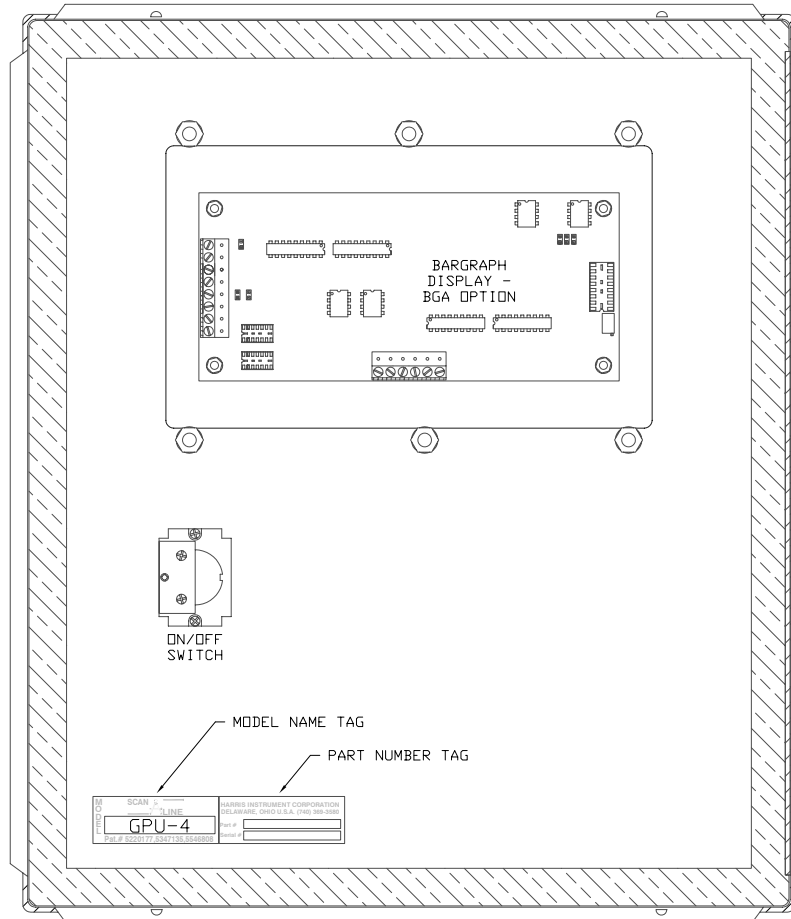
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Drawing Title				Old Drawing #		
Legend, Typical Model GPU Level 3 Customer Connections				N/A		
				Part #		
				1398183		

Date	Rev	Record	Auth	ECN #	Reference
					1298184 GPU L-4 Exterior Dimensions
					1398184 Pg 2 GPU L-4 Interior View Legend
					4497079 GPU-4 Mounting Plate Assembly



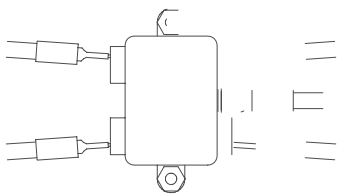
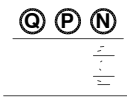
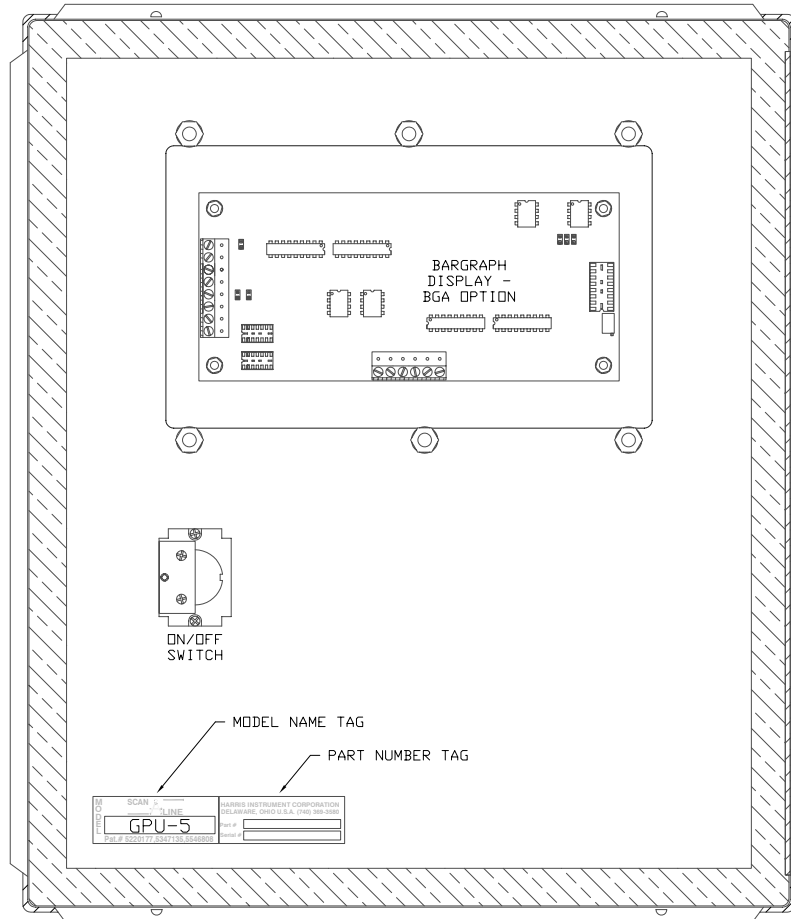
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Interior View, Model GPU Level 4			1395099 Rev C P 4
			Drawing #
			1398184

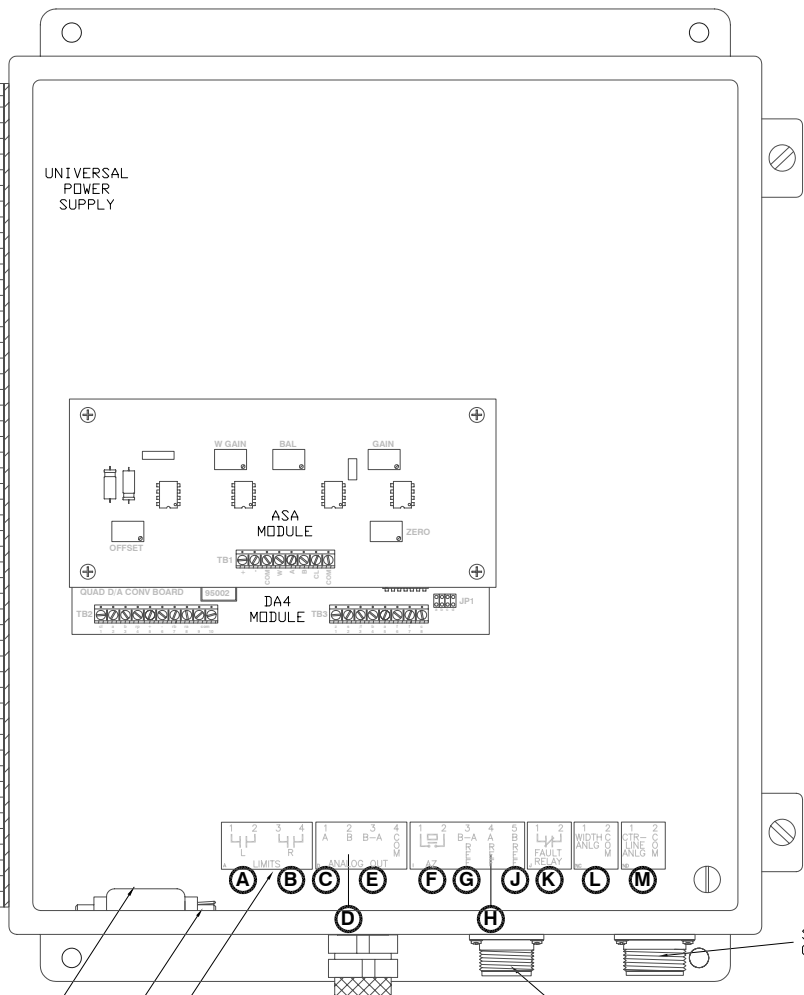
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Date	Rev	Record	Auth	ECN #	Reference
					1298185 GPU L-5 Exterior Dimensions
					1398185 Pa 2 GPU L-5 Interior View Legend
					4497080 GPU-5 Mounting Plate Assembly



EXTERNAL POWER CONNECTIONS ON LINE FILTER (TOP VIEW)



- GROUND LUG
- EXTERNAL POWER CONNECTIONS ON LINE FILTER
- CUSTOMER CONNECTIONS
- SENSOR CONNECTORS
- FEATURE CONNECTOR

NOTE: LINEAR TOLERANCES ±0.010" (0.254MM) UNLESS NOTED. CUMULATIVE TOLERANCES NOT TO EXCEED 0.025" (0.625MM) UNLESS NOTED. HOLE TOLERANCES +0.010"/-0.000" (+0.253MM/-0MM) UNLESS NOTED. ANGULAR TOLERANCES NOT TO EXCEED 2° UNLESS NOTED.

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Page	Size	Scale	Drawn by	Date	Approved by	Date
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		N/A	N/A	Assembly #	N/A	
Drawing Title				Old Drawing #		
Interior View, Model GPU Level 5				1395099 Rev C P 5		
Drawing #				1398185		

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