

- SPECIFICATIONS**
- MECHANICAL SPECIFICATIONS**
    - TRAVEL ("): 17±1
    - PEDAL FORCE (N): SEE FIGURE 2
    - WEIGHT (g): 1526
    - LIFE (CYCLES): 3,000,000
    - MAXIMUM STATIC LOAD (N): 1520
  - ELECTRICAL SPECIFICATIONS**
    - SENSOR TYPE: HALL
    - OUTPUT TYPE: DUAL ANALOG
    - WORKING VOLTAGE (VDC): 5±0.1
    - MAXIMUM CURRENT (mA): 10
    - INDEPENDANT LINEARITY: ±2%
    - ELECTRICAL OUTPUT (VDC): SEE FIGURE 1
  - ENVIRONMENTAL SPECIFICATIONS**
    - TEMPERATURE (°C): -40 TO 85
    - PROTECTION CLASS: IP66
  - STANDARDS MET**
    - SAE J1843
    - FMVSS 124
    - CUMMINS AEB 15.67
  - MATERIALS**
    - TREADLE: CAST ALUMINUM
    - PEDAL BASE: STEEL PLATED WITH ZINC
    - SENSOR BODY: NYLON COLORED BLACK
    - SPRINGS: 304 STAINLESS STEEL
    - HARDWARE: STEEL PLATED WITH ZINC
    - WIRE: AEX OR AVX 0.5 mm<sup>2</sup>
    - OTHER PLASTIC PARTS: NYLON
    - OTHER METAL PARTS: STEEL PLATED WITH ZINC
    - TREADLE COVER: RUBBER INJECTED
  - ORANGE WIRE CAN BE SUBSTITUTED FOR YELLOW.
  - LOOM SHALL BE INSIDE CLAMPING AND HARNESS WIRING WILL HAVE MINIMAL WIRE EXPOSURE.
  - PROGRAM PEDAL PER CAL-5174-1184 (B)

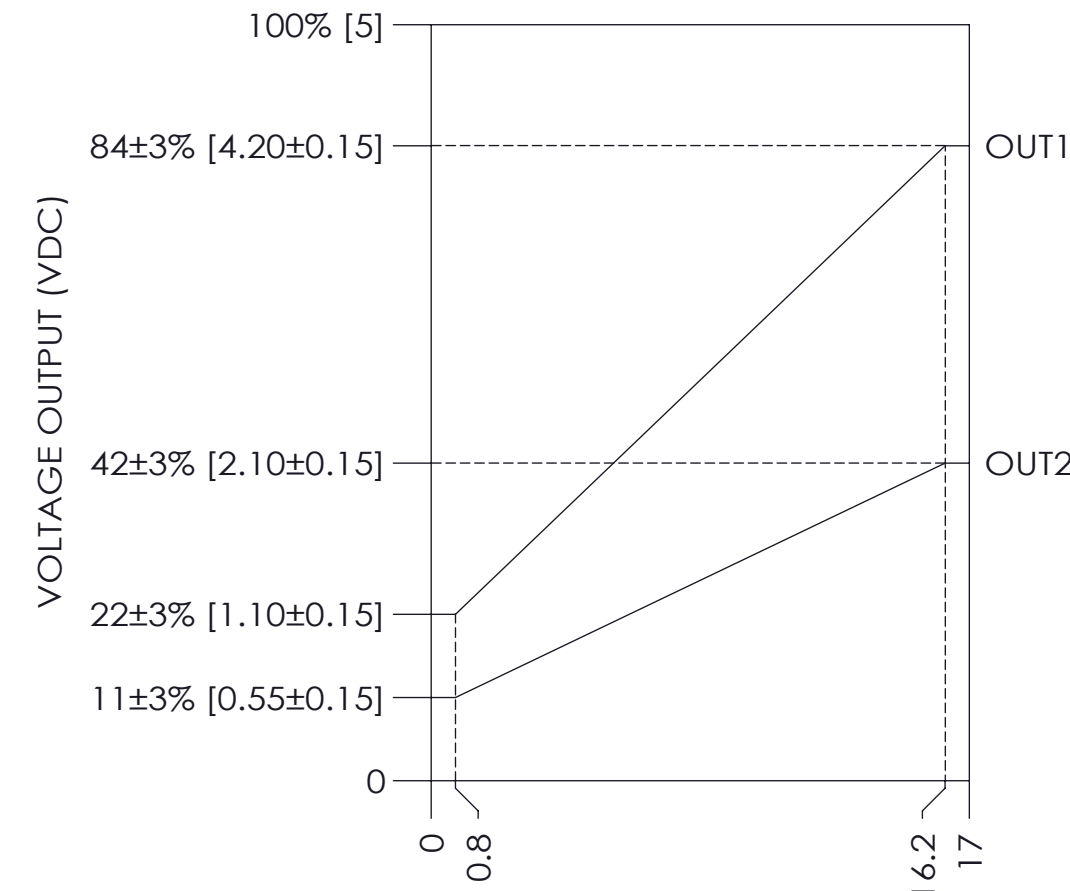


FIGURE 1 PEDAL POSITION (°) OUTPUT CHARACTERISTICS

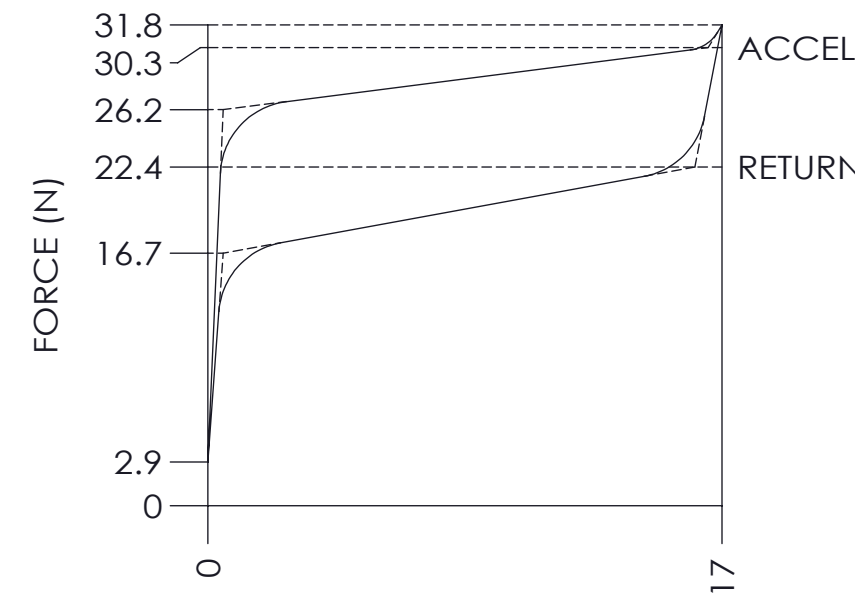
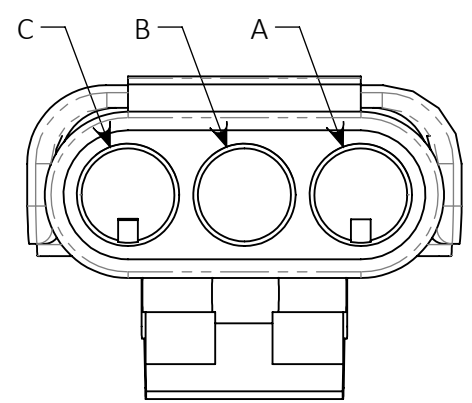
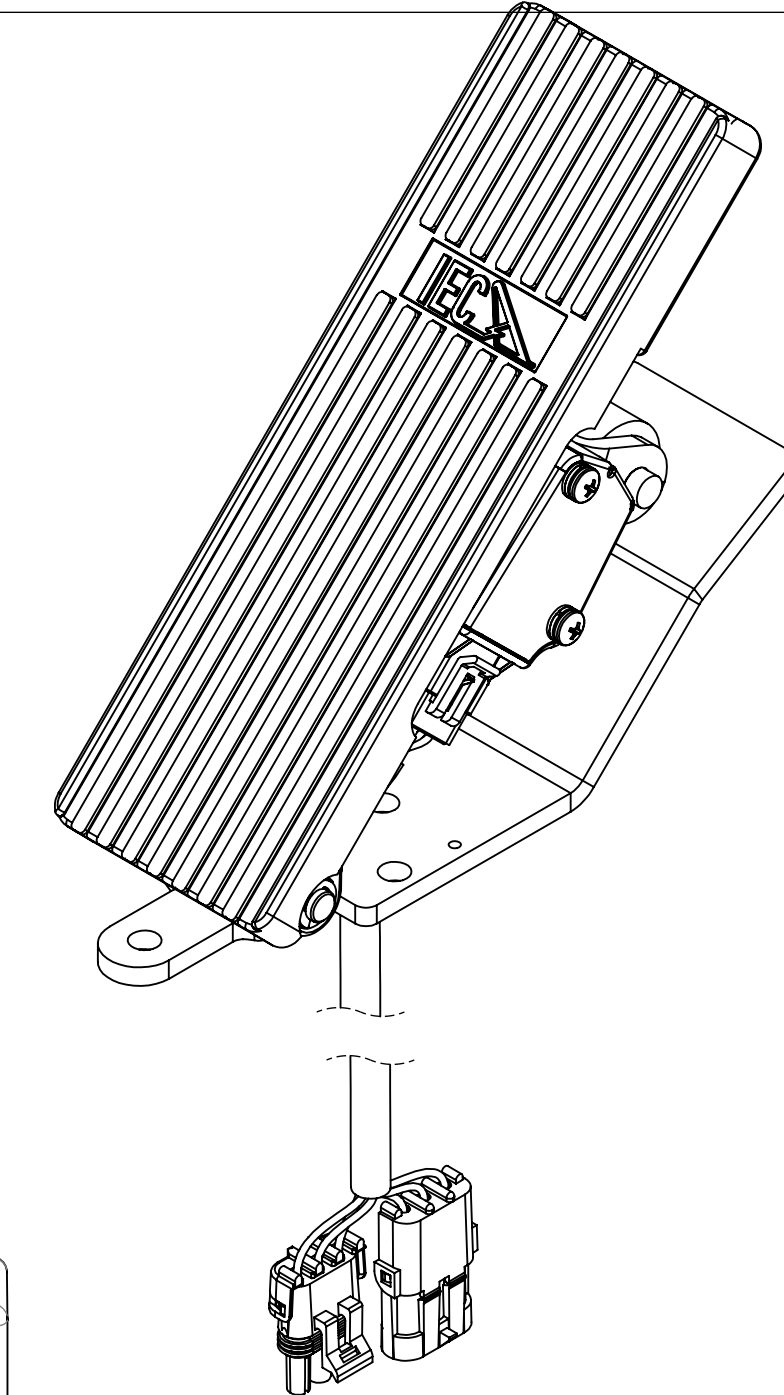
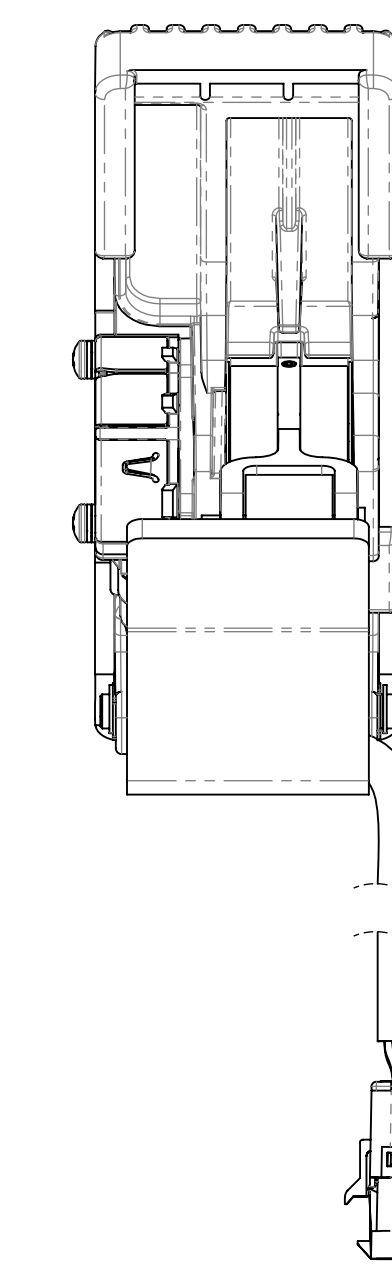
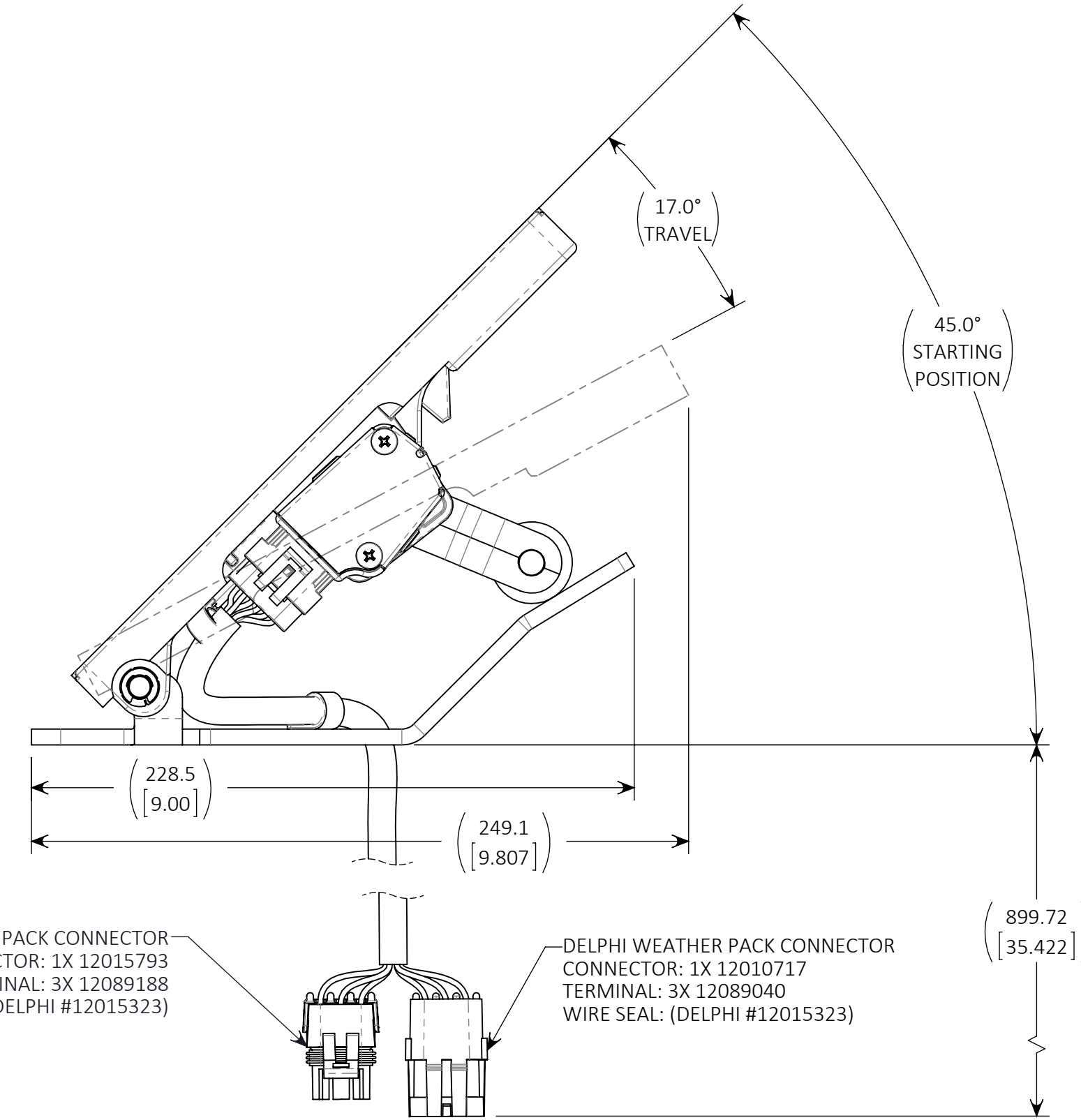
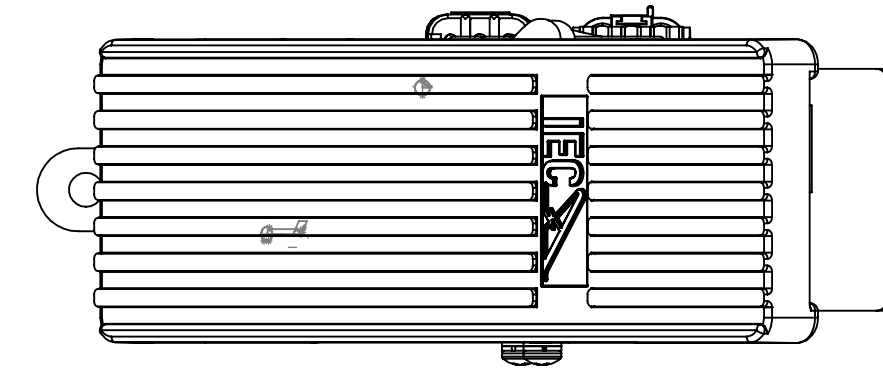
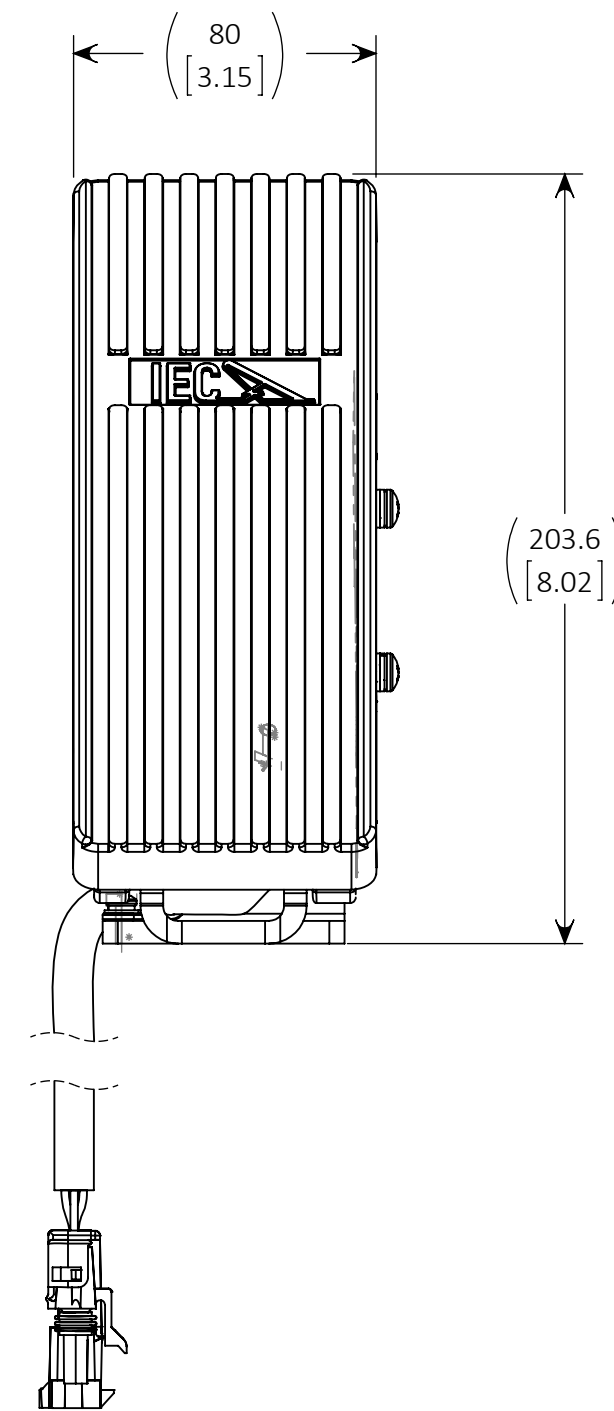
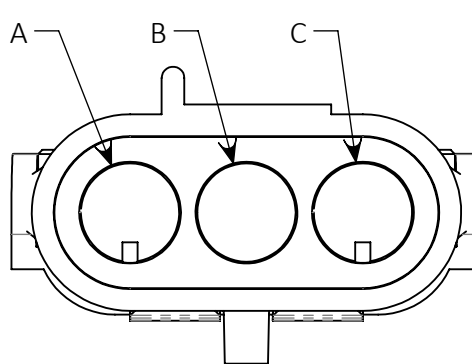


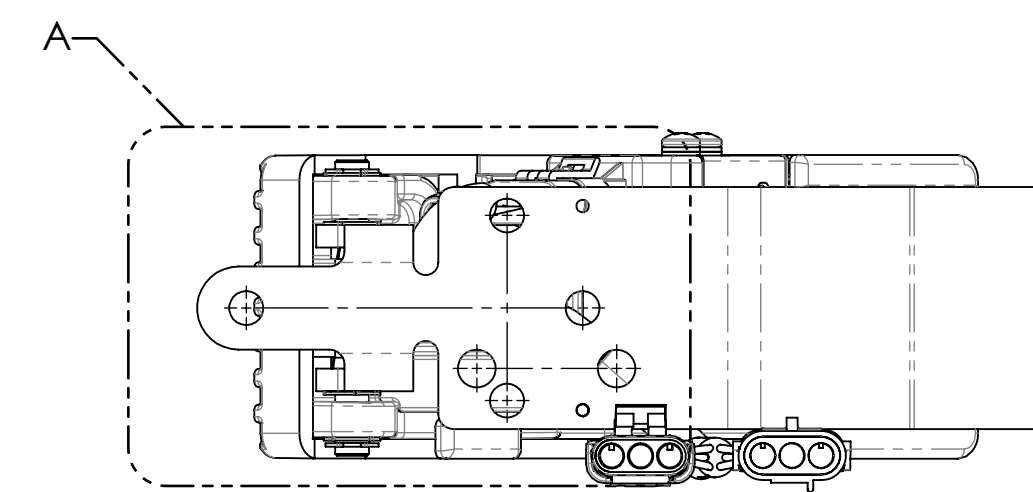
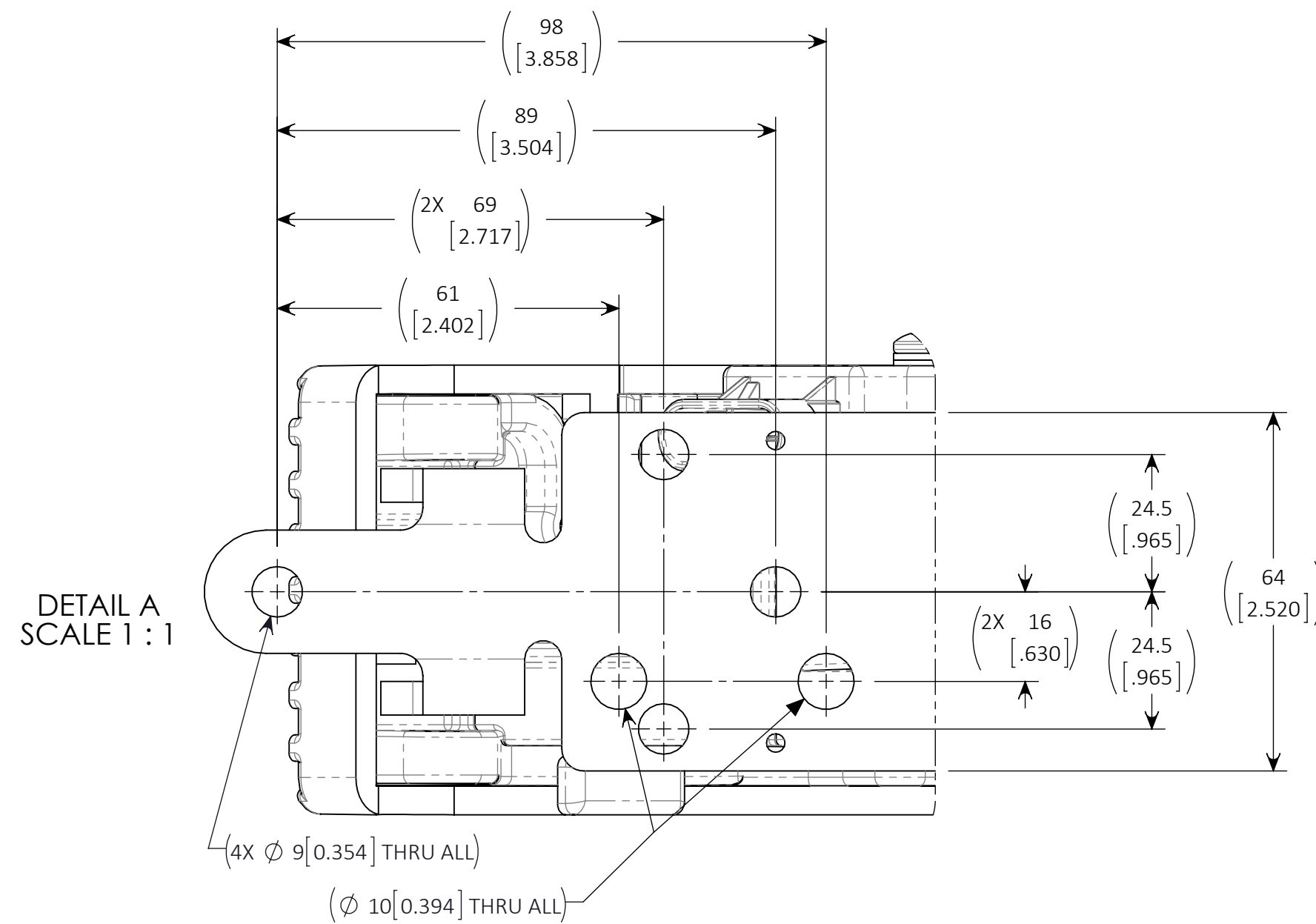
FIGURE 2 PEDAL FORCE CURVE



CONNECTOR 12015793 PINOUT		
PIN	COLOR	FUNCTION
A	ORG / YEL	OUT2
B	BLU	COM2-
C	GRN	VCC2+



CONNECTOR 12010717 PINOUT		
PIN	COLOR	FUNCTION
A	WHT	COM1-
B	BLK	OUT1
C	RED	VCC1+



INITIALS	DATE	UNLESS OTHERWISE SPECIFIED	INDUSTRIAL ELECTRONIC CONTROLS ROCKFORD, IL 61109
DRAWN BY: WAT	12/7/2017	DIMENSIONS ARE IN METRIC mm DUAL DIM [ ] ARE IN ENGLISH in	
CHECKED BY: JDK	12/7/2017	ANGULAR MACH ----- ± ° ANGULAR BEND ----- ± ° ZERO PLACE DECIMAL ----- ± ONE PLACE DECIMAL ----- ± TWO PLACE DECIMAL ----- ±	TITLE PEDAL ASSEMBLY, 45 DEG FLOOR MOUNT HALL EFFECT
MATERIAL PER BOM		INTERPRET GEOMETRIC TOLERANCES PER ASME Y14.5	SIZE D
OTHER		DO NOT SCALE DRAWING	DRAWING # 10459-45P-H0531-1184
FINISH		SCALE: 1:2	REVISION B
REV		DESCRIPTION	SHEET 1 OF 1