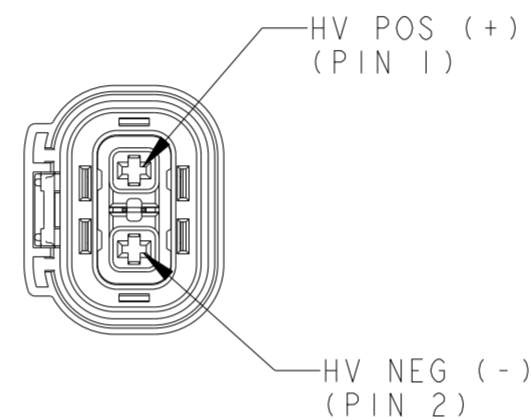
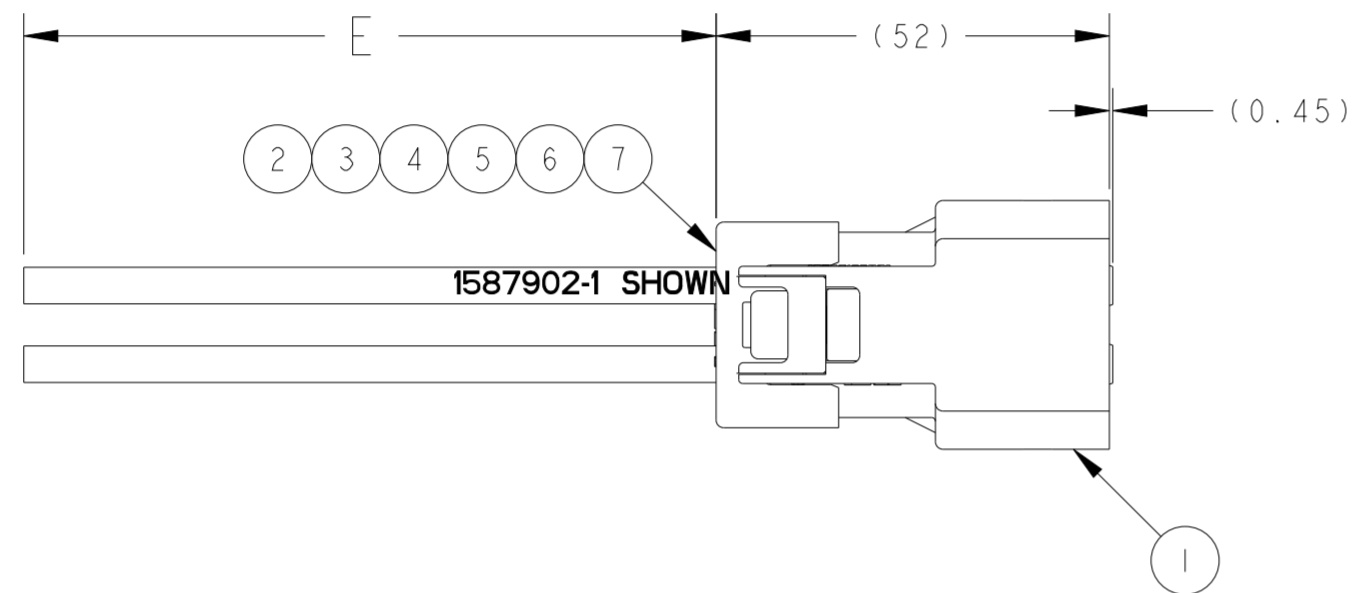


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
HV	00		A2	REVISED PER ECO-11-005139	27APR2011	RK	HMR
			A3	ECO-11-014753	14OCT2011	DS	AD
			A4	ECN-24-261203	19APR2024	AR	PK



- A: DIELECTRIC BREAKDOWN AT 3500VDC FOR 5 SECONDS WITH NO ARCING OR BREAKDOWN ALLOWED BETWEEN:
  - CIRCUIT 1 AND CIRCUIT 2
  - CIRCUIT 1 AND SHIELD
  - CIRCUIT 2 AND SHIELD
- B: ISOLATION RESISTANCE AT 1000VDC FOR 5 SECONDS WITH NO LEAKAGE CURRENT GREATER THAN 10 MICROAMPS BETWEEN:
  - CIRCUIT 1 AND CIRCUIT 2
  - CIRCUIT 1 AND SHIELD
  - CIRCUIT 2 AND SHIELD
- CABLE ENDS MUST BE STRIPPED WITH A MINIMUM LENGTH OF (5mm) BETWEEN CABLE CONDUCTORS AND BRAIDED CABLE SHIELDS DURING ELECTRICAL TESTING.
- NO BROKEN OR LOOSE STRANDS ARE ALLOWABLE ANYWHERE ON THE ASSEMBLY.
- ASSEMBLY INCLUDING CABLES MUST BE FREE OF IMPERFECTIONS OR MANUFACTURING DEFECTS THAT COULD AFFECT FIT, FUNCTION, OR PERFORMANCE

DIM E=5000±75		DIM E=3000±45			DIM E=1000±15			CABLE - 3mm <sup>2</sup> , SHIELDED		7											
1		1	1	1	1	1	1	1	CABLE SEAL RETAINER, SIZE B	6											
1		1	1	1	1	1	1	1	CABLE SEAL, SIZE B	5											
2	OBSOLETE	2	2	2	OBSOLETE	2	2	OBSOLETE	2	OBSOLETE											
2		2	2	2		2	2		2		2	2									
2		2	2	2		2	2		2		2	2									
1		-	-	1		-	-	1	HVA280-2P PLUG ASSY - KEY D	1											
-		-	-	-		-	-	-	- OBSOLETE -	1											
-		1	-	-		1	-	1	HVA280-2P PLUG ASSY - KEY B	1											
-		-	1	-		-	1	-	HVA280-2P PLUG ASSY - KEY A	1											
1-2	1-1	1-0	-9	-8	-7	-6	-5	-4	-3	-2	-1	DESCRIPTION	ITEM NO								
QTY REQ PER ASSY											PARTS LIST										

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN: D SIMPSON 18MAY2009  
 CHK: A DE CHAZAL 18MAY2009  
 APVD: -

**STE** TE Connectivity

NAME: PLUG PIGTAIL ASSY, HVA280 2P CHART

PRODUCT SPEC: 108-2394  
 APPLICATION SPEC: 114-13259

SIZE: A2 CAGE CODE: 00779 C-1587902 DRAWING NO: RESTRICTED TO

MATERIAL: - FINISH: - WEIGHT: -

CUSTOMER DRAWING SCALE: 1:1 SHEET 1 OF 1 REV A4