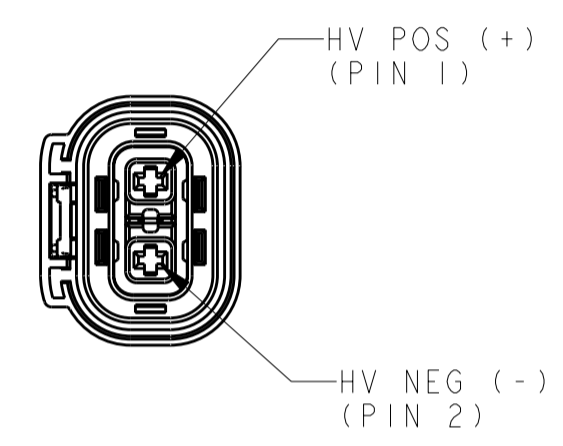
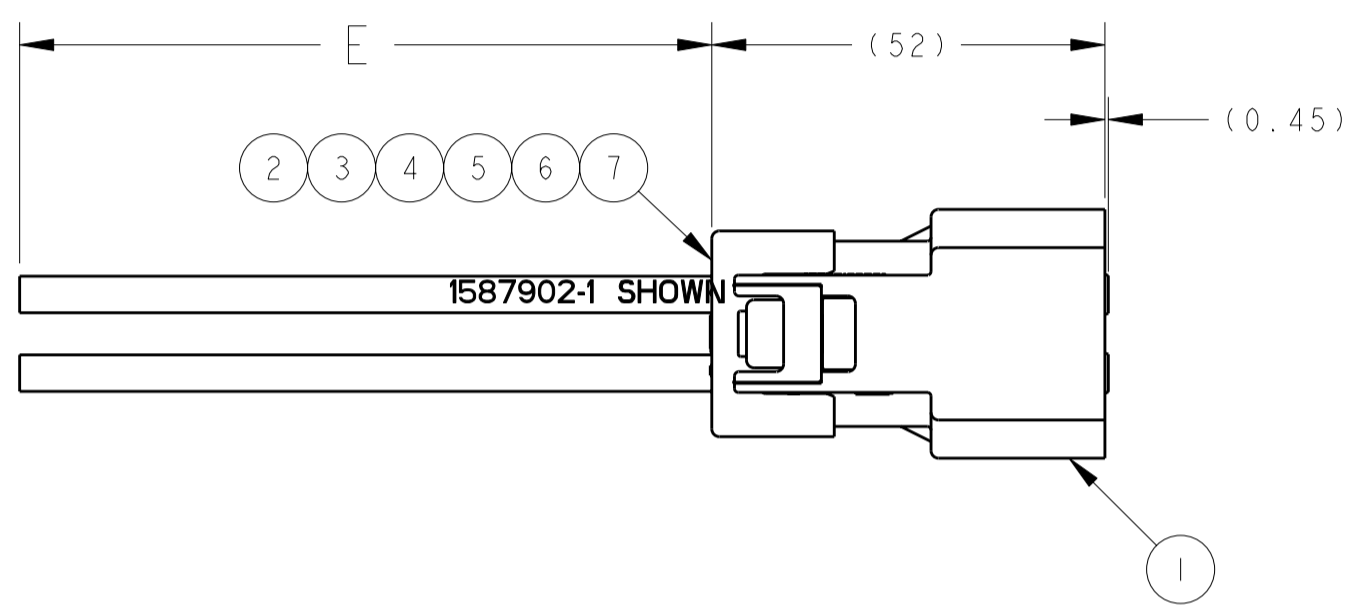


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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	A2	REVISED PER ECO-11-005139	27APR2011	RK	HMR		
	A3	ECO-11-014753	14OCT2011	DS	AD		



- 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	2	2	2	OUTER FERRULE SIZE B	4	
2		2	2	2		2	2	2	2	2	2	INNER FERRULE SIZE B	3
2		2	2	2		2	2	2	2	2	2	2.8mm SOCKET TERMINAL	2
1		-	-	1		-	-	1	-	-	-	-	HVA280-2P PLUG ASSY - KEY D
-		-	-	-	-	-	-	-	-	-	- OBSOLETE -	1	
-		1	-	-	1	-	-	-	1	-	HVA280-2P PLUG ASSY - KEY B	1	
-		-	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	<b>STE</b> TE Connectivity	
		CHK A. DE CHAZAL 18MAY2009		
DIMENSIONS: mm		APVD -	NAME PLUG PIGTAIL ASSY, HVA280 2P CHART	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.0001 ANGLES ± FINISH		PRODUCT SPEC 108-2394	SIZE A2	
MATERIAL		APPLICATION SPEC 114-13259	CAGE CODE 200779	DRAWING NO 1587902
		WEIGHT -	RESTRICTED TO -	
		CUSTOMER DRAWING		SCALE SHEET 1 OF 1 REV A3

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