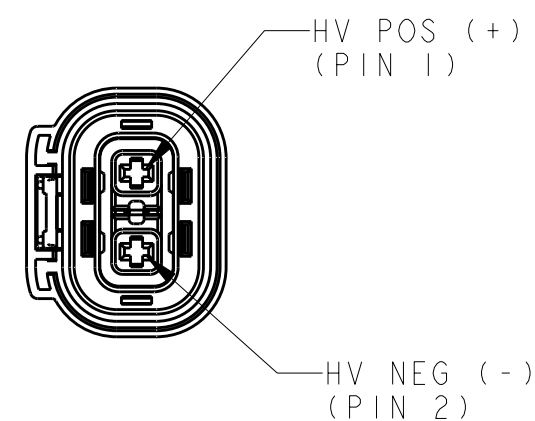
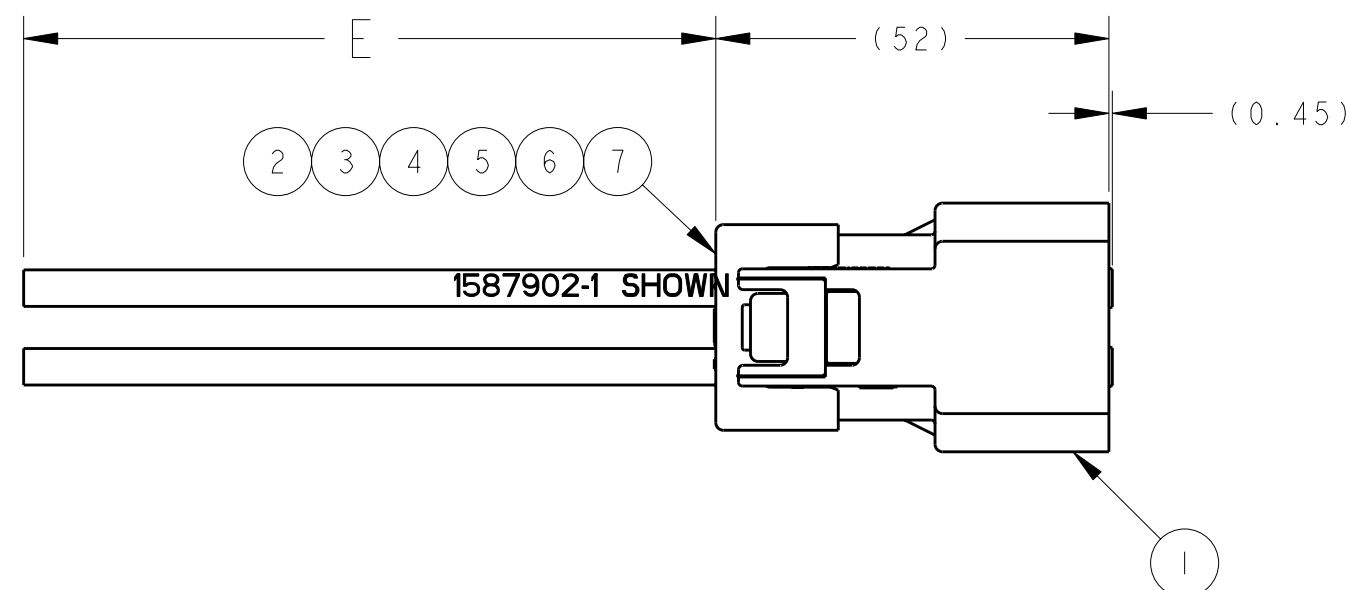




LOC	DIST	REVISONS					
HV	00	P	LTR	DESCRIPTION	DATE	OWN	APVD
			A2	REVISED PER ECO-11-005139	27APR2011	RK	HMR
			A3	ECO-11-014753	14OCT2011	DS	AD



1. 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 SHIELDB: 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
2. CABLE ENDS MUST BE STRIPPED WITH A MINIMUM LENGTH OF (5mm)  
BETWEEN CABLE CONDUCTORS AND BRAIDED CABLE SHIELDS DURING  
ELECTRICAL TESTING.
3. NO BROKEN OR LOOSE STRANDS ARE ALLOWABLE ANYWHERE ON THE ASSEMBLY.
4. 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 - 3mm2, SHIELDED		7
1	OBSOLETE	1	1	1	OBSOLETE	1	1	1	OBSOLETE	1	1	CABLE SEAL RETAINER, SIZE B	6	
1		1	1	1		1	1	CABLE SEAL, SIZE B		5				
2		2	2	2		2	2	OUTER FERRULE SIZE B		4				
2		2	2	2		2	2	INNER FERRULE SIZE B		3				
2		2	2	2		2	2	2.8mm SOCKET TERMINAL		2				
1		-	-	-		-	-	HVA280-2P PLUG ASSY - KEY D		1				
-		-	-	-		-	-	- OBSOLETE -		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 CHK A DE CHAZAL 18MAY2009		 TE Connectivity	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PLUG PIGTAIL ASSY, HVA280 2P CHART	
		0 PLC ± 1 PLC ±0.5 2 PLC ±0.13 3 PLC ±0.013 4 PLC ±0.001 ANGLES ±		PRODUCT SPEC 108-2394 APPLICATION SPEC 114-13259	
MATERIAL		FINISH		SIZE A2	RESTRICTED TO
-		-		CAGE CODE 00779	DRAWING NO C-1587902
CUSTOMER DRAWING				SCALE 1 : 1	SHEET OF REV A3

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