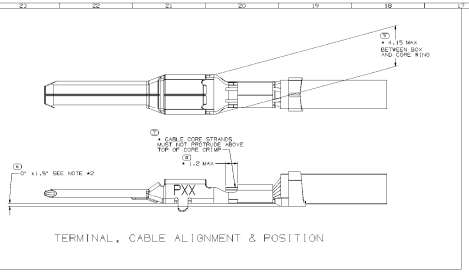

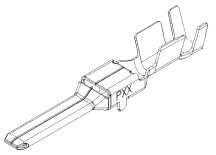

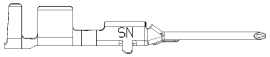

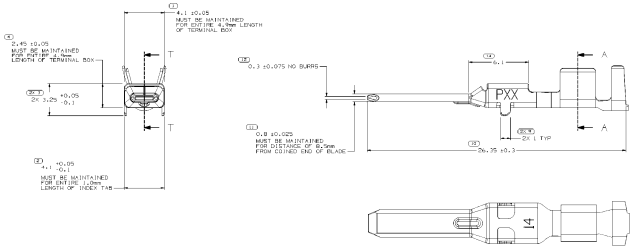

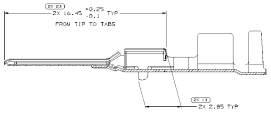

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE BEFORE PLATING OR OVEN SHRINK.
   DIMENSIONS AND TOLERANCES GOVERN OVER VISUAL INSPECTION
   (3D) MATH MODEL FOR PRECISE DIMENSIONS) - FOR ALL
   OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL
   BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
2. PLUG ABLE IS WIND BOTTOM SURFACE ROTATED COUNTERCLOCKWISE
   AGAINST THE BOX BOTTOM SURFACE.
3. MAXIMUM INSULATION CRIMP WIDTH OF 4.4mm AND HEIGHT 4.4mm FOR
   CABLE SIZE UP TO 2.0mm O.D.; MAXIMUM CORE CRIMP WIDTH OF 4.2mm.
4. PLATING TYPE:
   1. BOTTOM TIN (1.5 - 3.1 MICROMETERS THICK OVER NICKEL
      UNDERPLATE 0.13 - 0.5 MICROMETERS THICK.

   PLATING TYPE INFORMATION SHOWN ABOVE IS REFERENCE ONLY.
   REFER TO PLATING SPECIFICATION CONTAINED IN APPLICABLE
   MATERIAL SPECIFICATION.
5. MAXIMUM CURRENT CAPACITY AS DEFINED BY USCAR-2 R5 SECTION 5.3.3
   IS 25 AMPS WITH 1.0MM² COPPER CABLE
6. PARTS MEET THE PERFORMANCE REQUIREMENTS OF GMW[9]
   REQ'D/ AND SAE/USCAR-2 R5 REVISIONS FOR THE FOLLOWING
   CLASSIFICATIONS:

   TEMPERATURE CLASS 3 (-40°C TO 125°C)

   VIBRATION CLASS I (ON BODY OR CHASSIS)

   SEALING CLASS I (UNSEALED)
7. REFERENCE MATING COMPONENT OR EQUIVALENT:
   TERMINAL 13849935
8. * UNLESS DIMENSIONS MARK AT CUT-OFF AND CRIMP SITE

PART NUMBER	REV	N/P	MATERIAL DESCRIPTION	MATERIAL THICKNESS	CONTACT AREA PLATING TYPE (SEE NOTE 4)	CRIMP AREA PLATING TYPE (SEE NOTE 4)	CONTACT PLATING T.O.	CABLE SIZE (mm²)	CABLE DIAMETER	B	B_1	B_2	(H_1)	(H_2)
									COPPER					
32214492	01	AC	NI/SN PLATED COPPER ALLOY	0.25	I	I	SN	21	0.35 - 0.5	1.2 - 1.83	2.1	2.8	2.2	3
32214493	01	AC	NI/SN PLATED COPPER ALLOY	0.25	I	I	SN	17	0.75 - 1.0	1.7 - 2.1	2.7	3.4	2.9	3.5
32214494	01	AC	NI/SN PLATED COPPER ALLOY	0.25	I	I	SN	15	1.25 - 1.5	1.8 - 2.4	2.25	3.9	3.25	3.9
32214496	01	AC	NI/SN PLATED COPPER ALLOY	0.25	I	I	SN	14	2.0 - 2.5	2.3 - 3.0	3.7	4.4	4	4.6

PRODUCT NUMBER: 32214501

SIZE A3 | DWG 01 | REV 2 | SHEET 1 OF 2 | R | B | I

REV	DATE	BY	DESCRIPTION	ECN
1	10DEC14	MS	ALL PARTS - UPDATED PART DRAWING	4381/13
2	18AUG15	MS	32214492 - UPDATED PART AVAILABILITY	4381/14
3	08JAN16	MS	32214492 & 32214496 - UPDATED PART AVAILABILITY	4387/1

SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (—) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 31	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 23	

DELPHI

DELPHI POWER ELECTRICAL/ELECTRONIC ARCHITECTURE

PART DRAWING

APVD: SHAWN D. MARSHALL 2015/1
PROJ SHAWN D. MARSHALL 2015/1
APVD RICHARD J. ELDRED 2015/1
APVD
APVD

DRAWING NO RELEASED UNDER ENGINEERING CHANGE

TAB TERM W 0.5 2.8 01

32214501

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3SI-4201