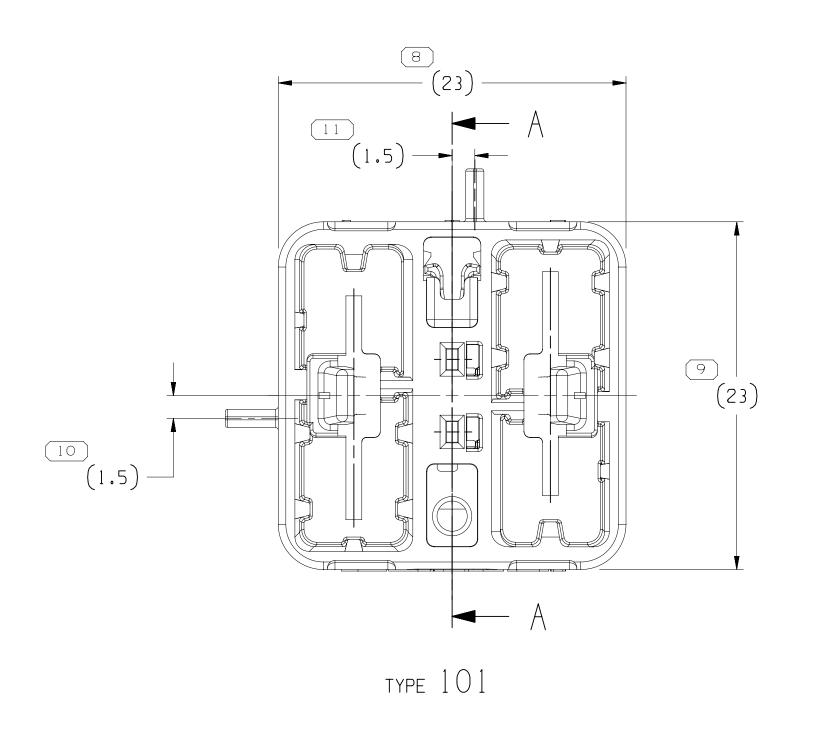
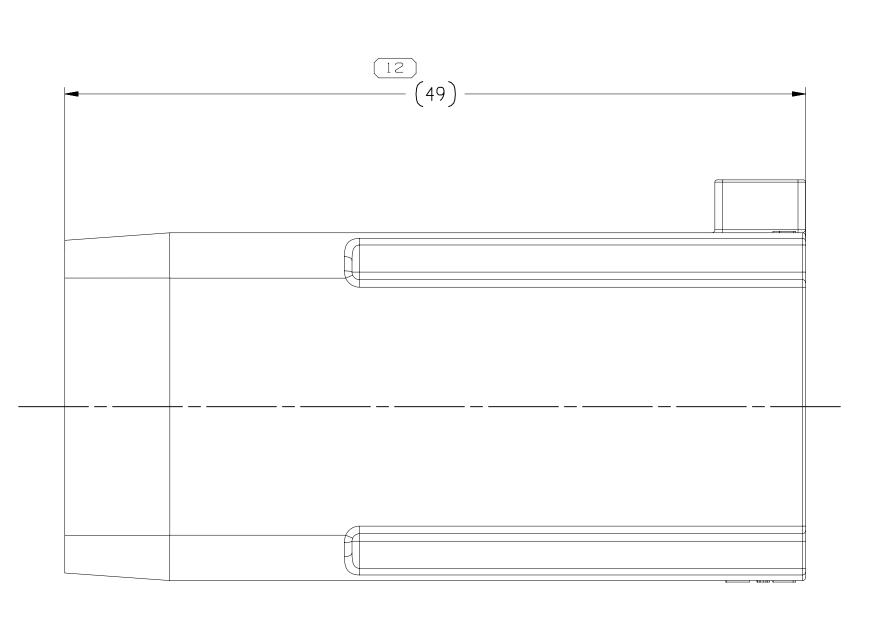
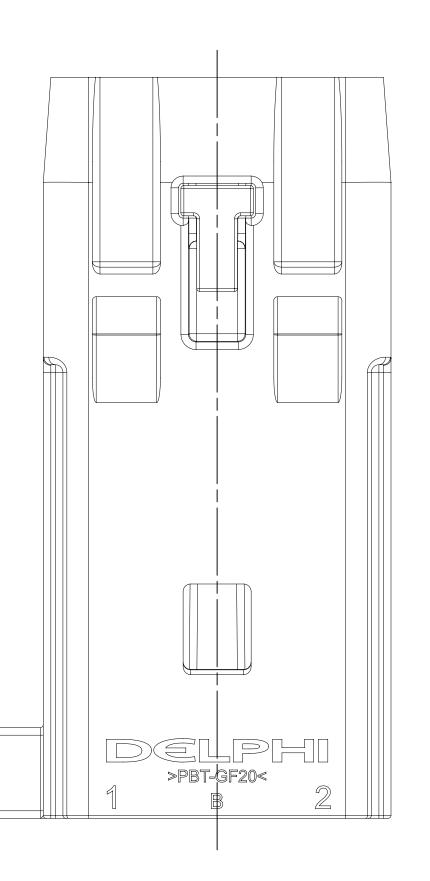


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-	33	31	1 1 6	58	$\left.\right\}$	
SIZE	SCALE	FRAME N		STG	REV	N/F
$A1 \times 3$	4:1	2 OF 2	1 OF 1	R	05	-
10				17		

DRAWING NUMBER

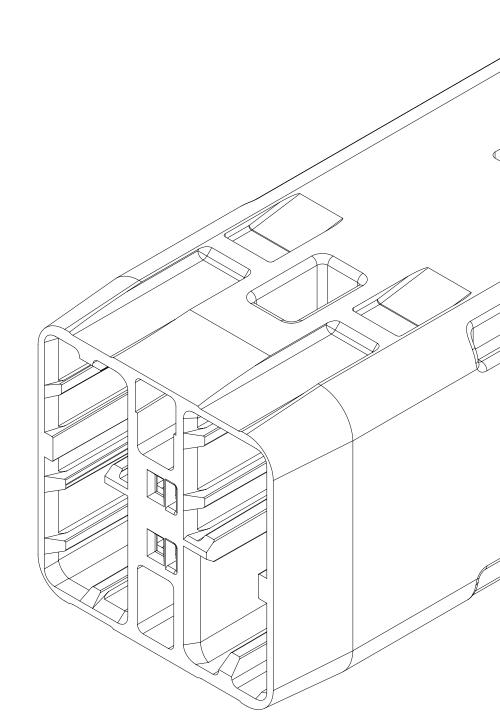
14	1 3				12	1 1
	PART NO	REV	N/P	TYPE	INNER CONNECTOR	I SL
	33311166	01	AD	101	33299802	33299801
	33311167	01	AD	102	33311160	33299801
	35049971	01	AD	103	35012458	33299801
	35049972	01	AD	104	35012459	33299801

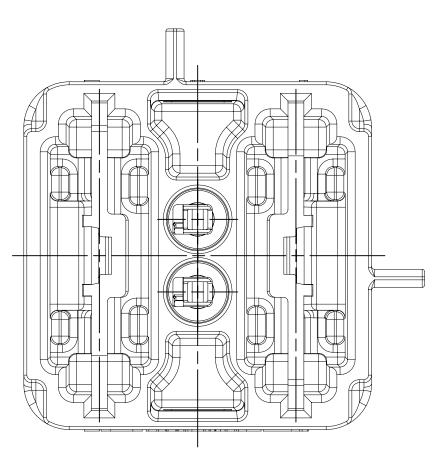
1 1

ISL MUST BE RETAINED IN PRESTAGE POSITION UNTIL HVIL TERMINALS ARE INSERTED AND FULLY SEATED

section A - A

SYMBOL DEFINITION A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.





NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE 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. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM, MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPNP-4.7-CS-01.
- 3. WHEN MATED WITH A HEADER ASSEMBLY, THE HEADER/INNER CONNECTOR MUST WITHSTAND AN ELECTRIC HI-POT TEST OF 3000 VOLTS (AC) FOR 10 SECONDS BETWEEN THE MALE TERMINALS AND SHIELD.
- 4. ELECTRIC VEHICLE CHARGING AND OTHER HEAVY DUTY CYCLE APPLICATIONS CARRYING >25A REQUIRE THE FOLLOWING: - MIN. 5.0 MM² COPPER CONDUCTORS.
- TERMINAL TO CONDUCTOR INTERFACE RESISTANCE <2.0 MILLIOMS. SOLDERED CRIMPS ARE RECOMMENDED.
 TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION TO INSURE T-RISE OVER AMBIENT IS <35° C MAXIMUM CURRENT.
- 5. CONNECTOR DESIGNS PROVIDE THE FOLLOWING MINIMUM CREEPAGE DISTANCE THEN MATED, AS PER IEC 60664 WITH POLLUTION DEGREE = 2 OR 3: THE SHORTEST CREEPAGE PATH WHEN MATED TO FEMALE CONNECTOR ASSEMBLIES ON TAXI 33300639 IS FROM THE CRIMPED END OF THE MALE TERMINAL IN CAVITY 1 TO THE CRIMPED END OF THE MALE TERMINAL IN CAVITY 2 = 13MM.
- 6. PARTS MUST BE FREE OF DUST, CARDBOARD FIBERS OR ANY PARTICULATE THAT MAY CAUSE F OR FUNCTION CONCERNS.
- 7. PARTS MUST BE PACKED IN PLASTIC BAGS OR THE SHIPPING CONTAINER MUST BE LINED WITH BAGS OR LINERS MUST BESEALED TO AVOID FOREIGN MATTER.

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- 8. HARNESS MANUFACTURER IS RESPONSIBLE FOR VALIDATING THE CONNECTION AS APPLIED ON CABLE TO THE REQUIREMENT OF SPECIFIC APPLICATION.
- 9. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
 10. CAUTION: THE INNER CONNECTOR ASSEMBLIES LISTED ON THIS PRINT MATE TO A
- THE INNER CONNECTOR ASSEMBLIES LISTED ON THIS PRINT MATE TO A MODULAR HEADER THAT WILL ALSO ACCEPT INNER CONNECTORS SHOWN ON TAXI 33314144. INDEXING MUST BE VERIFIED WHEN MULTIPLE INNER CONNECTORS WITHIN THIS CONNECTOR FAMILY ARE USED.
- 11. ALL LISTED ASSEMBLIES VALIDATED TO SAE/USCAR-2 R6: 2013-02; SAE/USCAR-37: 2008-08 AUG 2008 (T3, V1, S3)
- 12. FEMALE MTS 0.64 RETENTION FORCE WITH PRIMARY LOCK ONLY IS \leq 30N.
- 13. PARTS MUST BE PACKAGED IN COMPARTMENTAL CONTAINERS OR TRAYS, ENCLOSED IN POLYETHYLENE BAGS.

. RE			4 SING SYMBOLS ISSING SYMBOL NUMBER	DATE 16FE17 16JL18 090C18	R 02 R 02 R 03 R 03 R 04		ALL PARTS ALL PARTS PART AVAIL ALL PARTS MTS RETENT 33311167 - ALL PARTS NAME	- RELEASED - ADDED PS -ABILITY - ADDED VA FION FORCE - UPDATED F - UPDATED	N HISTORY D PART DRAWI SD; 33311166 ALIDATION DA & PACKAGING PART AVAILAE DRAWING ANE) - UPDATED TA, FEMALE NOTES; BILITY PART	435589 NKS 440192 LVI 441208 LVI 442571 JLI	D JAA TM D JAA TM _ JAA TM	
				27AU10	9 R 05		ALL PARTS	- UPDATED	VALIDATION	DATA NOTE	444310 JG	и JGM ТМ	
													J
													I
													G
													F
													E
HEN													C
E FIT WITH PLAS	TIC LINERS.			PART NUMBI THAT PHYS CONTACT AI OF PARTS. DWG TYPE STYLE VOLUME (C)	PTIV SALES TO PAR M ³) UNLESS OT	T HAVE A LINE AVAILABLE FO ASSURE AVAILA T DRAWING DISTR CO	PRESENT INDICATE R ORDERING. BILITY DE DE ECIFIED	DR APVD1 C APVD2	CON COPYRIGHT 201 S DRAWING IS THE DENTIAL INFORMATI ION OF THIS DOCUM DAMUNICATION OF A AUTHOR		EMS BHTS RESERVED. IV AND CONTAINS CTION, DISTRIBU TED CAD MATH DA THERS, WITHOUT IBITED. 16 20 22	S APTIV JTION AND TA, AS WELL EXPRESS DATE FE17 MR17 MR17	B
F	TO 20 30 70 TOLERANCE UN ±0.15 ±0.2 ±0.3	DIMENSIONS REFERENCE D LIMITS ARE > 70 >100 100 150 NLESS OTHERWI	200 250 300 SE SPECIFIED ±0.6 ±0.8 ±1 ±	ALL DIMEN ALL DIMEN ION REFERENCE CE THIF 300 400	NSIONS ARE IN		ASME Y14.5M-1994 DNING AND E PATTERNS OF GARDLESS OF DATUM	MATERIAL SEE CH DRAWING DRAWING SIZE A1×3 2	ART TAXIASM 2.86 NUMBER	.3 MTS 0.	H/VOLTAG 64		

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