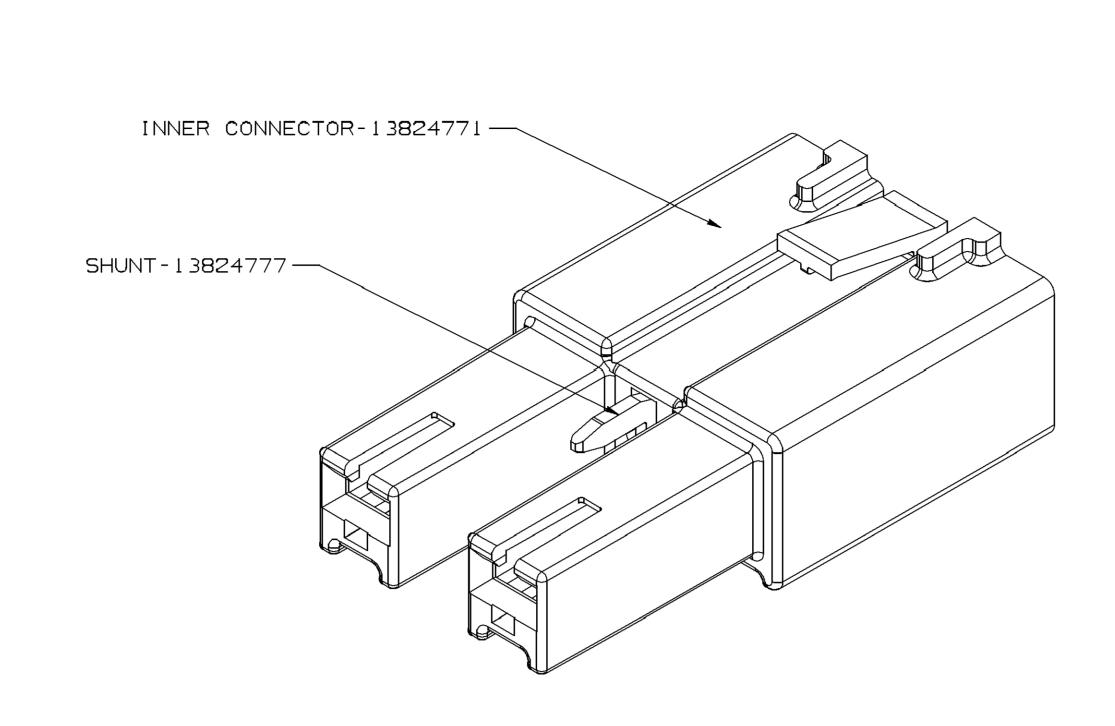


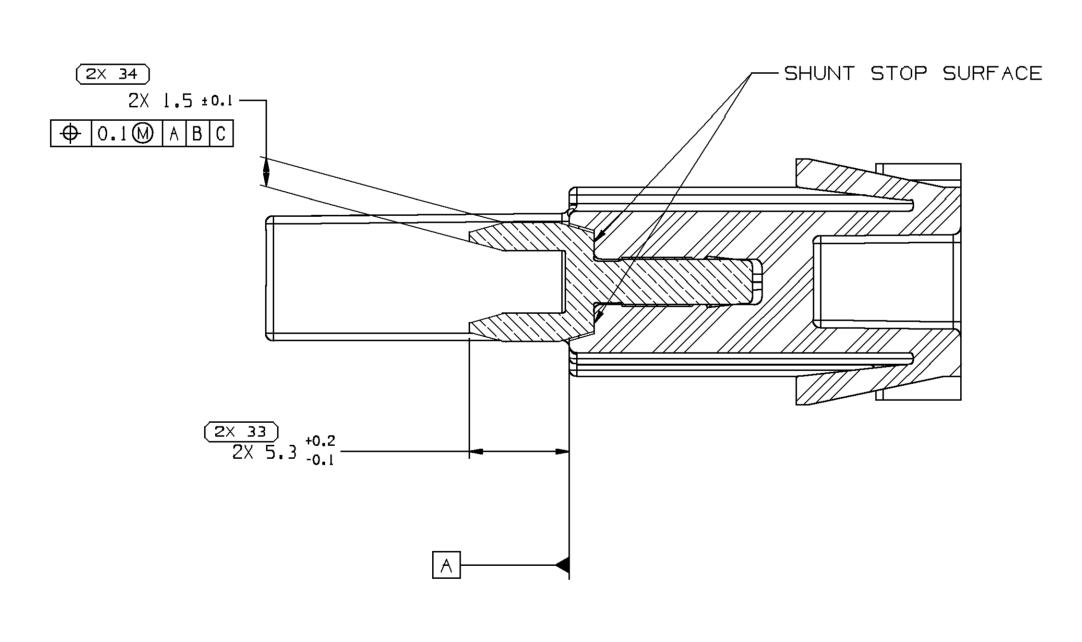
40 39 38 37

INNER CONNECTOR AND SHUNT SUBASSEMBLY

INNER CONNECTOR AND SHUNT SHALL BE ASSEMBLED AS INDICATED BEFORE INSERTION INTO OUTER HOUSING ASSEMBLY.

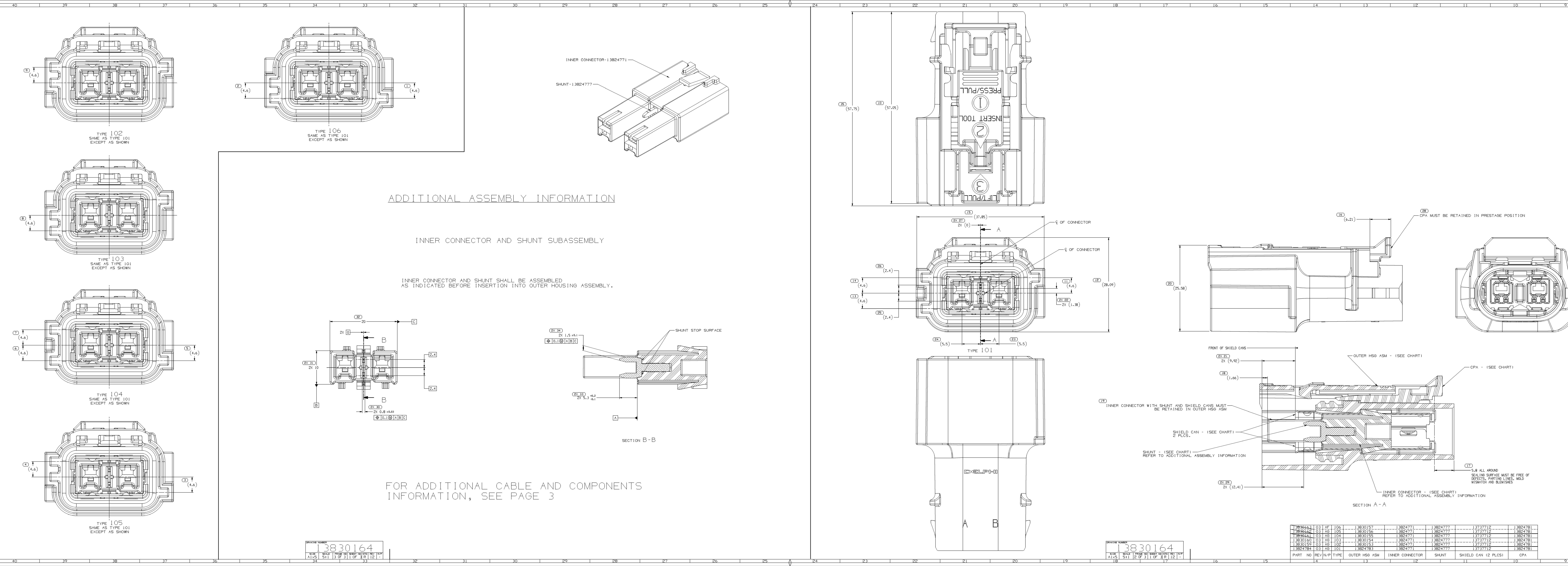


## <u>Additional assembly information</u>



SECTION B-B

FOR ADDITIONAL CABLE AND COMPONENTS INFORMATION, SEE PAGE 3



9	() OR () DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING. RE	5     4       MISSING SYMBOLS       OTAL NO OF       NSPECTIONS       43       SYMBOL NUMBER       ST NO.       35	DATE       STG       REV       N/P       CHG       DATE         02JN10       R       01       -       -       A         150C10       R       02       -       -       A         31MY11       R       03       -       -       A         29JL11       R       04       -       -       A	REVISION HISTORY REVISION HISTORY ALL PARTS-CREATED PART DRAWING ALL PARTS-UPDATED WITH LATEST COMPONENTS ND 46.2±0.5 DIM IN ADDITIONAL ASSEMBLY INFORMATION WAS 46.9±0.5 AND NNER CONNECTOR & SHUNT WAS AN ASSEMBLY. ALL PARTS-ADDED ADDITIONAL ASSEMBLY NFORMATION FOR INNER CONNECTOR & SHUNT SUBASSEMBLY AND UPDATED WITH LATEST COMPONENTS.ADDED DIMS 30-35. ALL PARTS-UPDATED WITH LATEST COMPONENTS ADDED APPEARANCE ITEM/VPS NOTE, DIM 15	414009 LLJ LLJ NL 414989 LLJ LLJ NL
			01DE11       R       06       -       -       A         18JL12       R       07       -       -       A         28AU13       R       08       -       -       A         29AU13       R       09       -       -       A         23N017       R       10       -       -       A         08JA17       R       11       -       -       A         27MR18       R       12       -       -       A	ADED ATTERNATION FORCE IN A ADDED EXTRACTION FORCE NOTE. ALL PARTS-ADDED HIPOT TESTING NOTE IN ADDITIONAL ASSEMBLY INFORMATION" & ADDED TO DRAWING NOTES. ALL PARTS-ADDED TPA/STRAIN RELIEF OCKING FORCE NOTE, TERMINAL-CONNECTOR INSERTION FORCE NOTE, TAND CPA UNLOCKING ORCE NOTE.ADDED 0 ±2° TO CORE RIMP TO TERMINAL BOX RELATIONSHIP AND ABLE CORE STRANDS NOTE TO ADDITIONAL ASSEMBLY INFORMATION. ALL PARTS - ADDED NOTES PERTAINING TO SAE/USCAR SPECIFICATIONS. 3830163 - OBSOLETE & ADDED "SHT 1 OF 2" ADDED "SHT 1 OF 3"; 13824784, 13830159- 22 - ADDED TERMINAL CONFIGURATION O SHT 3 ALL ACTIVE PARTS - ADDED "ADDITIONAL ABLE AND COMPONENTS" LABEL ALL PARTS - ADDED "ELECTRIC VEHICLE HARGING" NOTE	416316       LLJ       LLJ       NL         418263       LLJ       LLJ       NL         422250       LLJ       LLJ       NL         423686       AMC       JVM       ¥TM
					G
2. 3. 4. 5. 6. 7.	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. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MA COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NO A THE FIT, FORM OR FUNCTION OF THE PART ARE PERMISSIBLE PER VPS# B-244 TAKES PRECEDENCE OVER DPNP-4.7-CS-OI WHERE APPL ALL LEADS MUST BE HIPOT TESTED TO 3000 VOLTS (AC) FOR GREA HIGH VOLTAGE 280 TERMINAL-CONNECTOR INSERTION FORCE IS $\leq$ 7 HIGH VOLTAGE 280 TERMINAL-CONNECTOR EXTRACTION FORCE (PRIM TPA/STRAIN RELIEF LOCKING FORCE WITH TERMINALS IS $\leq$ 60N. CPA UNLOCKING FORCE TO PRE-STAGED POSITION IS > 10N AND $\leq$ 3 CONNECTION MEETS THE PERFORMANCE REQUIREMENTS OF SAE/USCAR	AFFECT DPNP-4.7-CS-01. ICABLE. ATER THAN 5 SECONDS. SON. MARY LOCK) IS ≥ 80N. BON. R-2 R5 NOVEMBER 2007,			E
	TEMPERATURE CLASS 3 (-40°C TO +125°C) VIBRATION CLASS 1 (ON BODY OR CHASSIS) SEALING CLASS 3 (SEALED PLUS HIGH PRESSURE SPRAY) MATING CLASS 1 (10 CYCLES) CONNECTION MEETS DIELECTRIC WITHSTAND VOLTAGE RATING OF 60 AUGUST 2008 PARAGRAPH 5.5.2 TEST METHOD. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWIN ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLIC > 25A REQUIRE THE FOLLOWING: -MIN 5.0 MM <sup>2</sup> COPPER CONDUCTORS. -TERMINAL TO CONDUCTOR INTERFACE RESISTANCES ≤ 0.2 mON CRIMPS ARE RECOMMENDED. -TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHI TO INSURE T-RISE OVER AMBIENT IS < 35°C AT MAXIMUM CON	NGS. Cations carrying Mms. Soldered Cle applications	DF PARIS. DWG TYPE PART DRAWING STYLE VOLUME (CM <sup>3</sup> ) UNLESS OTHERWISE SPECIFI UNLESS OTHERWISE SPECIFI THIS DOCUMENT IS IN ACCORDANCE WITH ASME AS AMENDED BY THE GN GLOBAL DIMENSIONING TOLERANCING ADDENDUN-2001. SEPARATE PATI FEATURES MAY BE GAGED SEPARATELY REGARDLE REFERENCES. ALL DIMENSIONS ARE IN MILLIMETERS ISION REFERENCE TENCE TEI THIRD ANGLE DO NOT	ENT INDICATE ERING. TY COPYRIGHT 2010 DELPHI CORPORATION / ALL RIGHTS RESER REVISED 2018 THIS DRAWING IS THE PROPERTY OF AND CONTAINS DELPHI CONFIDENT THE REPRODUCTION, DISTRIBUTION OF THIS DOCUMENT OR ITS RELATE AS WELL AS COMMUNICATION OF ANY WITHOUT EXPRESS AUTHORIZATION OF THIS DOCUMENT OR ITS RELATE AS WELL AS COMMUNICATION OF ANY WITHOUT EXPRESS AUTHORIZATION DR APVD1 L. JONES APVD2 L. JONES APVD2 L. JONES APVD3 N. LIPTAK APVD4 AND SUBSTANCES OF CONCERN CONTENT PER DELPH MATERIAL SEE DRAWING DRAWING NAME TAXI ASM CONN 4 M+ CTS 280 SLD H/A	TRONIC ARCHITECTURE AND/OR ITS AFFILIATES. AND/OR ITS AFFILIATES. AND OR ITS AFFILIATES. AND UTILIZATION ED CAD NATH DATA, CONTENT TO OTHERS, N, IS PROHIBITED. DATE DATE DATE DATE DATE DATE DATE DATE

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