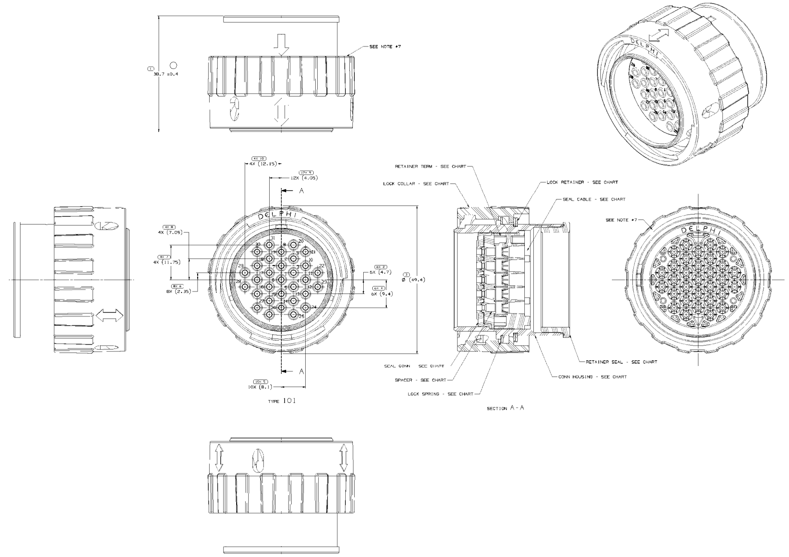
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	92
	LAST NO. USED	25

MISSING SYMBOLS

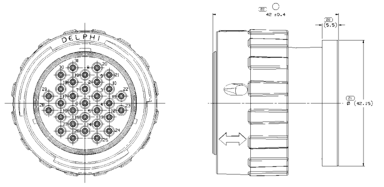
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STD	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
01JN09	R	01	-	-		13752444, 13765447, 13765449-50, 13765454-55, 13765458-59 - RELEASED	407220	SM	SM	DEP
28JA10	R	02	-	-		ALL PARTS - ADDED NOTE 9	409872	EVV	EVV	DEP
26MR10	R	03	-	-		ALL PARTS - DIM Ø (49.4) WAS Ø (50.4), ADDED CABLE OD TO CHART AND REMOVED "DELPHI CORPORATE BRAND" FROM NOTE #7	410394	HRS	HRS	DEP
16AP10	R	04	-	-		13752444, 13765447, 13765449, 13765450 - 38.7 +0.75/-0.3 WAS 38.7; 13765454, 13765455, 13765458, 13765459 - 42 +0.75/-0.3 WAS 42	410568	JRL	JRL	DEP
16JN10	R	05	-	-		ALL PARTS - REVISED CAVITIES NOTE, DRAWING NAME & CABLE OD SIZE COLUMN; DIMS Ø (42.15) WERE Ø (42)	411061	ARC	ARC	DEP
03AU10	R	06	-	-		ALL PARTS - CHARACTER HEIGHT 1.2mm MIN WAS 2mm MIN; 13752444, 13765447 & 13765449-50 - DIM 38.7 +0.85/-0.4 WAS 38.7 +0.75/-0.3; 13765454-55 AND 13765458-59 - DIM 42 +0.85/-0.4 WAS 42 +0.75/-0.3	411489	AJP	JVM	DEP
08FE11	R	07	-	-		ALL PARTS - ADDED CAVITY SEAL PLUG NOTE; 13765455, 13765454, 13765458, 13765459 - 42 +0.55/-0.4 WAS 42 +0.85/-0.4 & 38.7 +0.55/-0.4 WAS 38.7 +0.85/-0.4	413252	MAL	MAL	DEP
02JA13	R	08	-	-		13752444, 13765447, 13765449-50 - 38.7 ±0.4 WAS 38.7 +0.55/-0.4; 13765454-55, 58 & 59 - 42 ±0.4 WAS 42 +0.55/-0.4; 13752444, 13765447, 49 & 50 - ADDED RESTRICTED USAGE	418280	ADC	JAA	DEP

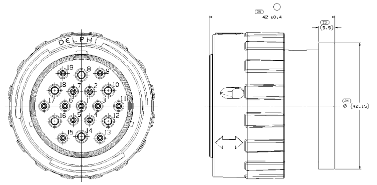


TYPE 101

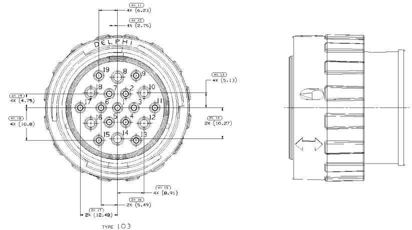
SECTION A-A



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 104
SAME AS TYPE 103
EXCEPT AS SHOWN



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

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 PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.

3. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   CONNECTOR ASSEMBLY - SEE CHART

4. 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.

5. CAVITIES TO ACCEPT THE FOLLOWING TERMINALS OR EQUIVALENT:

   HES 1.6 - 13663715
   HES 2.4 - 13783268

6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

7. DELPHI ASSEMBLY PART NUMBER, AND JULIAN DATE OF MANUFACTURE TO BE LAZER ETCHED ON SURFACE SHOWN. CHARACTER HEIGHT TO BE 1.2MM MINIMUM.

8. SHIPPING CAP 13752446 OR EQUIVALENT CAN BE ADDED AFTER HARNESS BUILD TO PROTECT PINS AND PROTECT AGAINST CONTAMINATION.

9. SEAL RETAINER PULL RETENTION FORCE MUST EXCEED 1250N.

10. CAVITY SEAL PLUG P/N 13756464 IS FOR 1 AND 1.6 CAVITIES. CAVITY SEAL PLUG 13756465 IS FOR 2.4 CAVITIES

PART NO	REV	N/P	RESTRICTED USAGE	REPLACED BY	TYPE	TOTAL CAVITIES	CONN HOUSING	RETAINER TERM	SPACER	SEAL CONN	SEAL CABLE	RETAINER SEAL	LOCK COLLAR	LOCK RETAINER	LOCK SPRING	MATTING CONN ASM	CABLE OD		
																	SIZE 20 (1)	SIZE 16 (1.6)	SIZE 12 (2.4)
13765459	01	AG	-	-	104	19	13654451	13697113	13697457	13697119	13697444	13667998	13668478	13717280	13717279	13765461	NA	2.25-3.7	2.9-4.3
13765458	01	AG	-	-	104	19	13654451	13697113	13697457	13711124	13697129	13667998	13668478	13717280	13717279	13765460	NA	1.3-2.85	2.45-3.6
13765455	01	AG	-	-	102	31	13654451	13667902	13667906	13667907	13697464	13667998	13668478	13717280	13717279	13765457	NA	2.25-3.7	NA
13765454	01	AG	-	-	102	31	13654451	13667902	13667906	13711120	13667920	13667998	13668478	13717280	13717279	13765456	NA	1.3-2.85	NA
13765450	01	AG	RESTRICTED	13765455	101	31	13654451	13667902	13667906	13667907	13697464	13682500	13668478	13717280	13717279	13765453	NA	2.25-3.7	NA
13765449	01	AG	RESTRICTED	13765454	101	31	13654451	13667902	13667906	13711120	13667920	13682500	13668478	13717280	13717279	13765452	NA	1.3-2.85	NA
13765447	01	AG	RESTRICTED	13765459	103	19	13654451	13697113	13697457	13697119	13697444	13682500	13668478	13717280	13717279	13765451	NA	2.25-3.7	2.9-4.3
13752444	01	AG	RESTRICTED	13765458	103	19	13654451	13697113	13697457	13711124	13697129	13682500	13668478	13717280	13717279	13752445	NA	1.3-2.85	2.45-3.6

DRAWING NUMBER 13765445

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x4	4:1	1 OF 1	1 OF 1	R	08	-

PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE APPLIES

A LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE:

VOLUME (CU³):

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM. GENERAL TOLERANCE OF FEATURES MAY BE BASED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE:

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

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		DATE
DR		
APVD1	STEVEN MARZO	01JN09
APVD2	STEVEN MARZO	01JN09
APVD3	G.E.ROBISON	01JN09
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1894500.

MATERIAL: SEE CHART

DRAWING NAME: TAXI ASM CONN W HES 1.6 2.4 SLD MODULAR

DRAWING NUMBER: 13765445

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x4	4:1	1 OF 1	1 OF 1	R	08	-

13765445