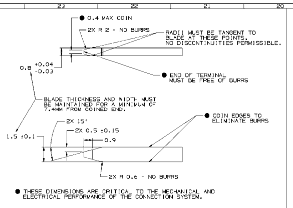

0.4 MAX COIN
2X R 2 - NO BURRS
RADII MUST BE TANGENT TO BLADE AT THESE POINTS. NO DISCONTINUITIES PERMISSIBLE.
0.8 +0.04 -0.03
END OF TERMINAL MUST BE FREE OF BURRS
BLADE THICKNESS AND WIDTH MUST BE MAINTAINED FOR A MINIMUM OF 7.4MM FROM COINED END.
COIN EDGES TO ELIMINATE BURRS
2X 15°
2X 0.5 ±0.15
0.9
1.5 ±0.1
2X R 0.6 - NO BURRS

● THESE DIMENSIONS ARE CRITICAL TO THE MECHANICAL AND ELECTRICAL PERFORMANCE OF THE CONNECTION SYSTEM.

MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, EXTRA SPRING TEMPER

- * TIN PLATING (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USAGE): 0.0050±0.0025 MM (200±100 μIN) ELECTROPLATED TIN.
- * USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

MINIMUMS

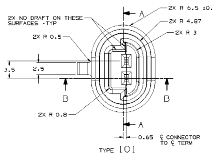
ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 430 - 480 MPa

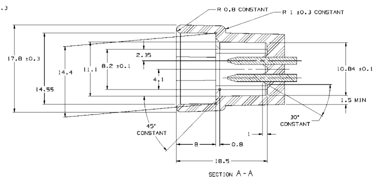
UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μIN) MINIMUM THICK IS REQUIRED.

PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 150°C. PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

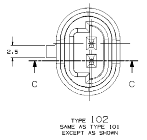
MATING BLADE INFORMATION



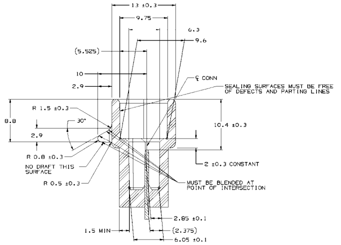
TYPE 101



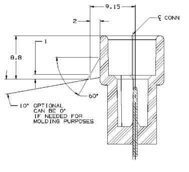
SECTION A-A



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



SECTION B-B



SECTION C-C

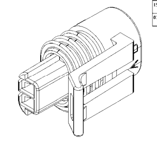
NOTES

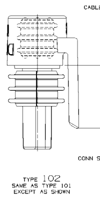
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION. (SEE MATH MODEL FOR PRECISE DIMENSIONS.) FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.4
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. RECOMENDED MATERIAL: GLASS REINFORCED NYLON OR POLYESTER

MATING CONNECTOR INFORMATION

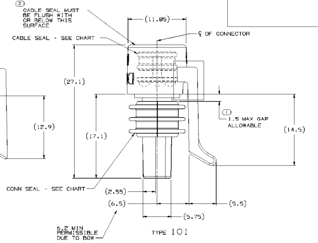
SYMBOL DEFINITION			MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ⬭ DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	2	NO MISSING SYMBOL NUMBER
	LAST NO. USED	2	

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
31AU99	R	001	-	-		CLEARED REV COLUMN & 15324478 -REVISED CABLE SEAL AND COLOR	195239	HH	CMP	JR
15OC02	R	02	-	-		ALL PARTS - ALIGNED VIEWS, REMOVED NOTE: ASTERISK (*) INDICATES 150.2 TERMINAL CAVITIES, ADDED N/P COLUMN TO PART NUMBER CHART, AND ADDED NOTE 5. 12162195 - UPDATED PDM ATTRIBUTES	231922	BRB	BRB	GM
20JL04	R	03	-	-		15324478, 15304635, 12162195, 12162194, AND 12162193 - CORRECTED REVISION LEVELS	256579	MJM	MJM	BG
24AP06	R	04	-	-		13584122 - RELEASED	279760	LLJ	LLJ	MF
06SE06	R	05	-	-		ALL PARTS - REVISED NOTE 3 AND REVISED INSPECTION SYMBOLS	284222	MM	MM	MF
01NO06	R	06	-	-		ALL ACTIVE PARTS - UPDATED MATING BLADE INFORMATION AND ALL INDIVIDUAL COMPONENT DIMENSIONS WITHOUT INSPECTION SYMBOLS WERE CHANGED TO REFERENCE	286288	JBD	AUG	BDG
16AU11	R	07	-	-		ALL ACTIVE PARTS - ADDED APPLICATION DRAWING NOTE; 13883975 - RELEASED	415111	MAB	JAA	OAF
10SE13	R	08	-	-		33108383 - RELEASED	423801	CAR	JVM	JSM
15NO13	R	09	-	-		33108383 - RESTRICTED AND UPDATED PART AVAILABILITY	424581	BK	JVM	JSM
03JA14	R	10	-	-		ALL ACTIVE PARTS - ADDED LUBEWELL LUBRICANT NOTE	424996	JVR	JVM	KRM

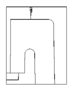




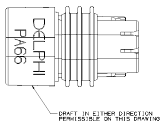
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



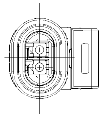
TYPE 101

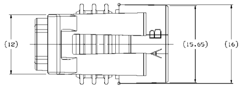


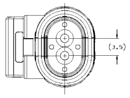
OPTIONAL CONSTRUCTION
SCALE 10:1



DRAFT IN EITHER DIRECTION PERMISSIBLE ON THIS DRAWING







DRAWING NUMBER						
12162269						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1×3	5:1	2 OF 2	1 OF 1	R	10	-

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.)
2. WHEN PARTS ARE SHIPPED THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINES MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.
3. 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.
4. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT OF CABLE CORE IS 10.75/7.05.
5. FOR PART NUMBER WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.
6. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
7. ○ S-60-T LUBEWELL LUBRICANT CAN BE USED AS AN AUXILIARY SUPPORT ON THE CABLE INSTALLATION PROCESS.

SEE NOTE #5

PART NO WITH ADHESIVE	REV	N/P	PART NO WITHOUT ADHESIVE	REV	N/P	TYPE	CABLE SEAL AND COLOR	CONN NO	CONN SEAL	RESTRICTED USAGE
-	-	-	33108383	01	AB	101	15344948 - ORN	12162192	12040750	RESTRICTED
13883975	01	AA	13584122	01	AD	101	12110169 - LT ORN	13584120	13511248	-
-	-	-	15324478	02	AF	101	12078083 - TAN	15324477	12040750	-
-	-	-	15304635	A6	-	102	12110169 - LT - ORN	15304636	12040750	-
-	-	-	12162195	A6	-	101	12110169 - LT - ORN	12162192	12040750	-
-	-	-	12162194	A6	-	101	12078083 - TAN	12162192	12040750	-
-	-	-	12065242	A	-	101	12040751 - GRN	12065241	12040750	-
-	-	-	12162193	A6	-	101	12040751 - GRN	12162192	12040750	-

DIMENSIONAL RANGE (MM) FROM TO	> 0 20	> 20 30	> 30 70	> 70 100	>100 150	>150 200	>200 250	>250 300	>300 400
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

CHART EJ
ANGULAR TOLERANCE ±2°

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

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 (CM³)

DISTR CODE
D

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM - 1997. ALL GEOMETRIC TOLERANCES AND RELATED DATUMS APPLY RFS. RULE #1(PERFECT FORM AT MMC) DOES NOT APPLY WHEN RELATIONSHIP BETWEEN FEATURES IS ESTABLISHED BY ORIENTATION OR LOCATION TOLERANCES. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY, REGARDLESS OF DATUM REFERENCE.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

COPYRIGHT 1994 DELPHI CORPORATION AND/OR ITS AFFILIATES.
ALL RIGHTS RESERVED.
REVISED 2014
THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.

		DATE
DR		
APVD1	HENRY HOKE	09FE94
APVD2	HENRY HOKE	09FE94
APVD3	S. VUKMER	16FE94
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE CHART

DRAWING NAME
TAXI ASM CONN F M/P 150.2 SLD

DRAWING NUMBER						
12162269						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1×3	5:1	1 OF 2	1 OF 1	R	10	-