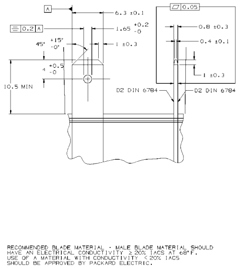
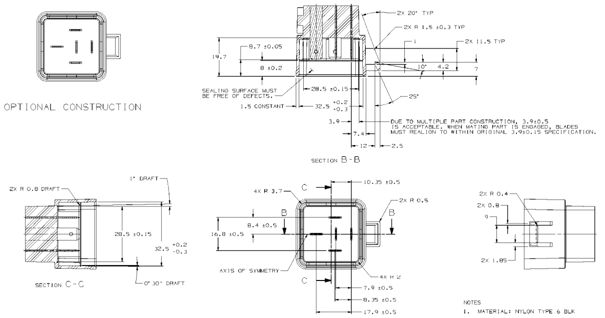


RECOMMENDED BLADE MATERIAL - MALE BLADE MATERIAL SHOULD HAVE AN ELECTRICAL CONDUCTIVITY ≥ 20% IACS AT 68°F. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS SHOULD BE APPROVED BY PACKARD ELECTRIC.

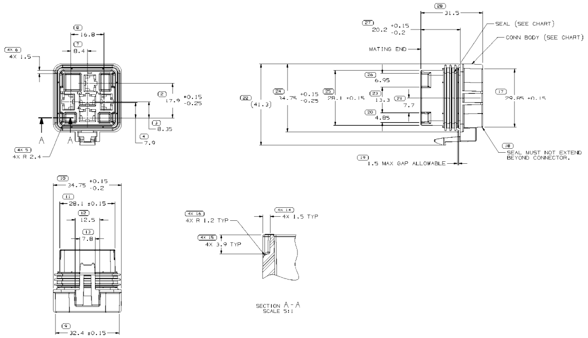
MATING BLADE INFORMATION
SCALE 5:1

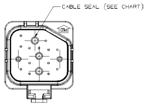


DUE TO MULTIPLE PART CONSTRUCTION, 3.9±0.5 IS ACCEPTABLE. WHEN MATING PART IS ENGAGED, BLADES MUST REALIGN TO WITHIN ORIGINAL 3.9±0.15 SPECIFICATION.

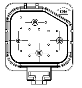
NOTES
1. MATERIAL: NYLON TYPE 6 BLK

MATING CONNECTOR INFORMATION

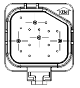




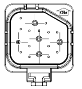
TYPE 101



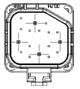
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN



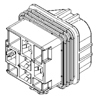
TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN

PART NO	REV	N/P	TYPE	CONN BODY	CONN SEAL	CABLE SEAL	SPECIAL NOTES
~~13927872~~	01	AA	105	13927868	13925495	12066028 (4 WAY-TAN)	-
~~13925496~~	01	AA	102	12065662	12065663	12066028 (4 WAY-TAN)	SEE NOTE 8
13646876	01	AB	102	12065662	15409460	13646875 (4 WAY-ORN)	SEE NOTE 8
13596973	02	AC	104	12065662	15409460	13596972 (5 WAY-BLU)	SEE NOTE 8
15326224	A2	-	101	12065662	12065663	15326183 (5 WAY-TAN)	-
12186644	A2	-	101	12065662	12065663	12186643 (5 WAY-PNK)	-
12191236	A2	-	101	12065662	12065663	12191130 (5 WAY-PPL)	-
12124143	D2	-	101	12065662	12065663	12124142 (5 WAY-LT ORN)	-
12092605	D2	-	103	12065662	12065663	12092604 (5 WAY-ORN)	-
~~12084616~~	C	-	102		12065663	12084615 (4 WAY-BLU)	-
12077993	D2	-	101	12065662	12065663	12077994 (5 WAY-BRT RED)	-
12077951	D2	-	102	12065662	12065663	12084103 (4 WAY-WHT)	-
12066035	D2	-	101	12065662	12065663	12066030 (5 WAY-YEL)	-
~~12066034~~	D3	-	102	12065662	12065663	12066029 (4 WAY-PPL)	-
12066033	D2	-	102	12065662	12065663	12066028 (4 WAY-TAN)	-
~~12066032~~	C	-	102	12065662	12065663	12066027 (4 WAY-ORN)	-
~~12066031~~	C	-	102	12065662	12065663	12066026 (4 WAY-BLU)	-
12065971	D2	-	102	12065662	12065663	12065970 (4 WAY-RED)	-
12065686	06	AC	102	12065662	15409460	15383475 (4 WAY-BLU)	SEE NOTE 8
12065685	05	AC	101	12065662	15409460	12065683 (5 WAY-GRN)	SEE NOTE 8

DRAWING NUMBER					
12065665					
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	2:1	2 OF 2	1 OF 1	R	11	-

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	42
	LAST NO. USED	28

MISSING SYMBOLS
1



DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STG	REV	N/P	CHG						
05JL02	R	02	-	-		CLEARED REV COLUMN; 12065685, 86 - REMOVED ADHESIVE AND REVISED CONN SEAL	220557	RH	RH	JR
15AU02	R	03	-	-		12065685,86- ADDED NOTE 8, REMOVED LABEL AND REVISED CHART	228565	OGG	RCH	JR
10AU06	R	04	-	-		13596973 - RELEASED	283217	AMG	AMG	JGS
06NO06	R	05	-	-		13596973 - REVISED GRAPHICS	286509	JTV	AUG	JGS
10JA07	R	06	-	-		13596973 - CONN SEAL WAS 12065663	400071	MDH	JAA	JGS
07MY07	R	07	-	-		13646876 - RELEASED	401297	PCP	PCP	SAN
11NO11	R	08	-	-		13925496 & 13927872 - RELEASED AS INACTIVE	416030	JHP	VNR	JHP
12AP12	R	09	-	-		ALL PARTS - UPDATED PDM ATTRIBUTES	417339	JGM	JAA	JHP
03JA14	R	10	-	-		ALL ACTIVE PARTS - ADDED LUBEWELL LUBRICANT NOTE	424997	JVR	JVM	KRM
22SE15	R	11				12066034 - OBSOLETE	430641	NRM	JAA	FL

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. SYMMETRICAL ABOUT CENTERLINE.

2. SEALING CODE 2 - DESIGN WILL PASS SALT FOG TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK), ESA-710 (METRIC-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT.

3. MATING PART AS SHOWN.

4. FOR LEAD LENGTH CALCULATIONS, DISTANCE FROM MATING END OF CONNECTOR TO FRONT OF CABLE CORE IS 15.05/11.65

5. WHEN PARTS ARE SHIPPED, THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINERS MUST BE LINED WITH PLASTIC LINERS. BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER.

6. CROSS REFERENCE:

CONN CAVITY INDEX NO	RELAY CIRCUIT NO
1	30
2	85
3	87A
4	87
5	86

7. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

8. NO PROCESSING OIL ALLOWED TO BE ADDED TO AID IN THE APPLICATION OF THE SEAL TO THE CONNECTOR.

9. 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.

10. S-60-T LUBEWELL LUBRICANT CAN BE USED AS AN AUXILIARY SUPPORT ON THE CABLE INSTALLATION PROCESS.

(19) PROCESS SENSITIVE DIMENSION

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

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
ANGULAR TOLERANCE ±2°									

CHART E1

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 (CAP):
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
CAD
NX

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DELPHI CORPORATION
TROY, MI 48098
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		DATE
DR		
APVD1	G. FERANCE	01MY86
APVD2	K. GRZENA	05MY86
APVD3	A. WINYARD	05MY86
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

DRAWING NAME: TAXI ASM CONN F M/P 630 SLD

DRAWING NUMBER						
12065665						
SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	2:1	1 OF 2	1 OF 1	R	11	-

12065665