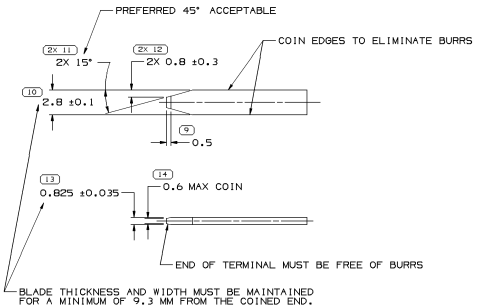


MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, BILDING, EXTRA SPRING TEMPER.
PLATING - 0.0025/0.0075 MM THICK TIN.

MINIMUMS

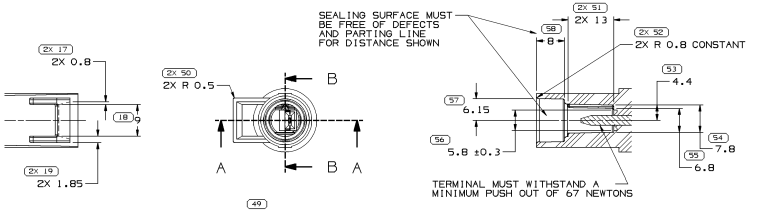
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS ± 20°C
TENSILE STRENGTH - 407 MPa.
PLATING - FOR LOW ENERGY (≤ 5 V.) & NON-PASSENGER COMPARTMENT POWER CIRCUITS 0.0025/0.0075 MM THICK THIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025/0.0075 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

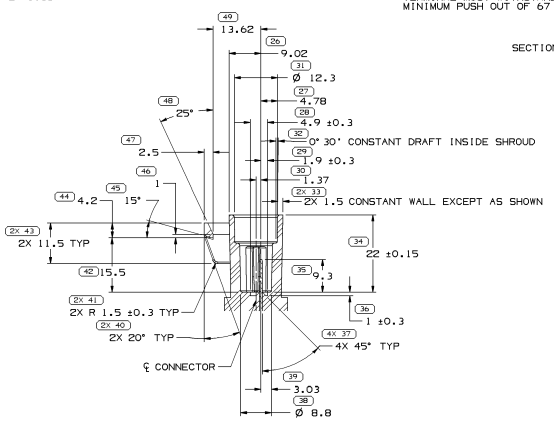
SCALE 5:1

INSPECTION SYMBOLS SHOWN ON THESE VIEWS ARE FOR REFERENCE ONLY

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 73	5
	LAST NO. USED 58	



SECTION B-B



SECTION A-A

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° MAX ON ALL OUTSIDE SURFACES.

2. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM DELPHI PACKARD ELECTRIC DIVISION

RECOMMENDED MATERIAL

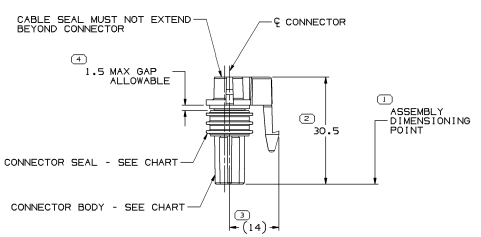
GLASS REINFORCED NYLON OR POLYESTER

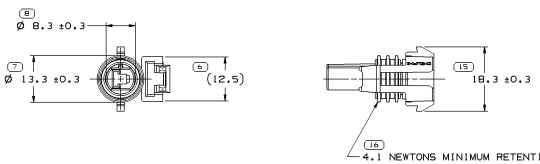
MATING CONNECTOR INFORMATION

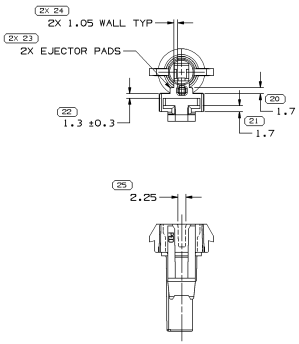
SCALE 5:1

INSPECTION SYMBOLS SHOWN ON THESE VIEWS ARE FOR REFERENCE ONLY

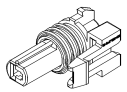
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	STS	REV	N/P	CHG						
05NOO3	R	01	-	-		ALL PARTS - CLEARED REV COLUMN AND REDRAWN TO PD: 15481001 - RELEASED	24B063	JAA	JAA	RMF
11MR09	R	02	-	-		ALL PARTS - REMOVED INSPECTION SYMBOL #5 AND REVISED LABEL	407541	PAC	GLB	RHG
14SE10	R	03	-	-		13843893 - RELEASED AND ADDED ADHESIVE NOTE	411835	FRE	FRE	FRE
07AU12	R	04	-	-		ADDED RECYCLING CODE AND LOGO NOTES	419179	AMG	EDA	FOO







OPTIONAL CONNECTOR CONSTRUCTION



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. 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 FOREIGN MATTER.

3. SEALING CODE 3 - DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-644 (WEATHER-PACK),ESA-710 (METRI-PACK), ESA-650 (UNDERHOOD MICRO-PACK), C-4006 (WORLD CONNECTOR), ETC WHEN MATED TO MATING PART OR EQUIVALENT

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. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

6. FOR PART NUMBER WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.

◯ 7. MATERIAL RECYCLING CODE PER ISO 11469. (2.3)X(0.1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE. OPTIONAL CONSTRUCTION TO BE NO MATERIAL RECYCLING CODE.

◯ 8. (2.3)X(0.1) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION FOR EXISTING TOOLING MAY BE "PED" OR NO LOGO.

13843893	01	AA	15481001	01	AB	15483473	12065247
-	-	-	12089916	A2	-	12089912	12065247
-	-	-	12065172	A2	-	12065170	12065247
PART NO WITH ADHESIVE	REV	N/P	PART NO WITHOUT ADHESIVE	REV	N/P	CONNECTOR P/N	CONNECTOR SEAL

(N/A) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM)									
FROM	> 0	> 6	> 30	> 70	>100	>150	>200	>250	>300
TO	6	30	70	100	150	200	250	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 ±0°									

SHEET 01

THIRD ANGLE PROJECTION

DO NOT SCALE USE MATH DATA

NX

* INDICATES THE DRAWN THROUGH X PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A (*) IN THE PREFIX 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

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS DEFINED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING HANDBOOK-3181. SEPARATE PATTERNS OF REVISIONS MAY BE RAISED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH

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	DATE
DR	
APVD1 J.E. HOUGELMAN	20JUL89
APVD2 J.E. HOUGELMAN	20JUL89
APVD3 S.M. KEISEL V.	03AUG89
APVD4	
APVD5	

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 1094T001

MATERIAL: SEE DRAWING

DRAWING NAME: TAXI ASM CONN I F M/P 280 SLD

DRAWING NUMBER: 12089917

SIZE	SCALE	TYPNAC NO	SHEET NO	STS	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	04	-