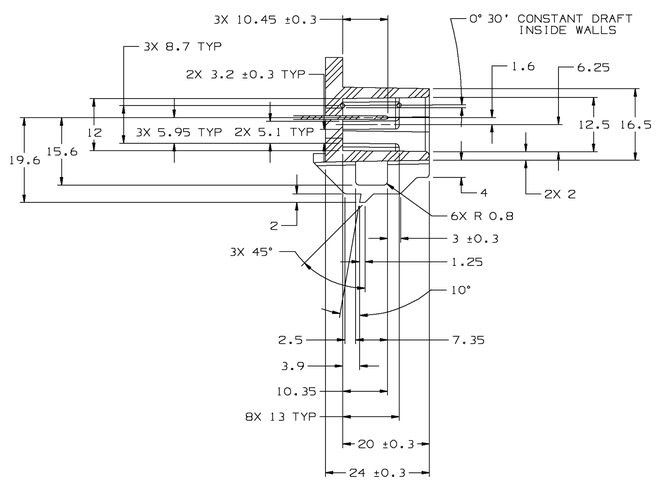
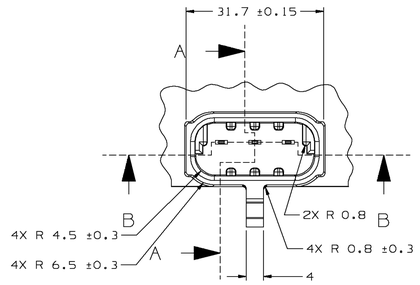
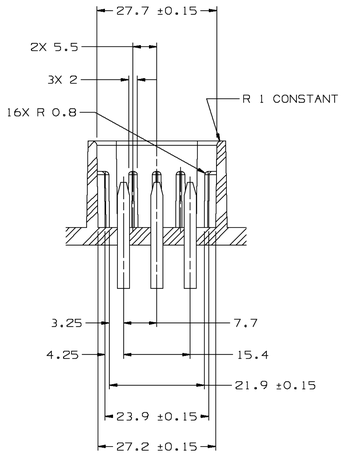
SYMBOL DEFINITION			MISSING NUMBERS
THE NUMBER INSIDE THE SYMBOL ⬭ CORRESPONDS TO THE NUMBER ON THE INSPECTION REPORT FOR THIS DRAWING/PART NUMBER	TOTAL NO. OF SYMBOLS ON DRAWING	13	
	LAST NO. USED	13	

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	CK	APVD
DATE	STG	REV	CHG	N/P						
13JN00	R	001	-	-		CLEARED REV COLUMN & ALL PARTS - REDRAWN TO PD & 30.4 +0.15/-0.2 WAS 30.4	201186	RGT	GMC	DN



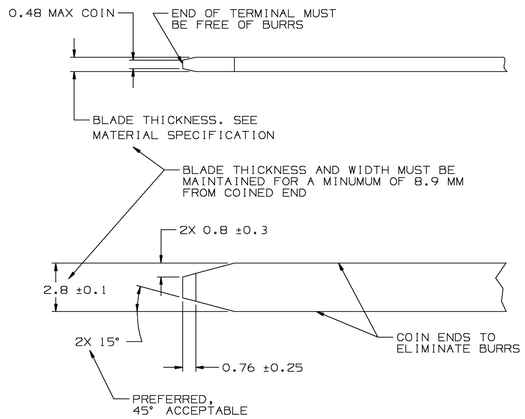
SECTION A-A





SECTION B-B

MATING CONNECTOR INFORMATION



RECOMMENDED
BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.005±0.0025 MM THICK TIN

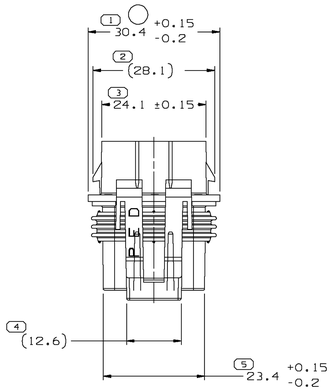
MINIMUMS
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS @ 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

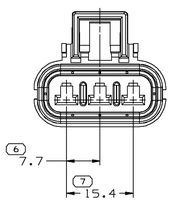
TENSILE STRENGTH - 407 MPa

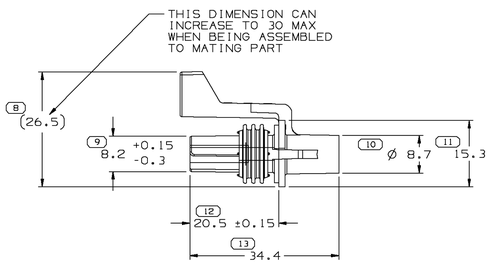
PLATING -FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.005±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.

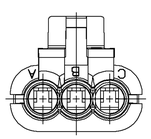
BLADE THICKNESS
UNPLATED = 0.813 ± 0.025
TIN PLATED = 0.823 ± 0.03

MATING TERMINAL INFORMATION
SCALE 8:1

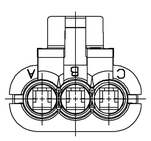




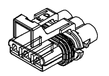




TYPE 101



TYPE 102
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. 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 PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   TERMINAL 12020648
   SECONDARY TERMINAL LOCK 12034145
   CABLE SEAL 12015323
   CONNECTOR POSITION ASSURANCE LOCK 12020833
5. CONNECTOR ENGAUGE FORCE CODE 2.

PART NO	STG	REV	N/P	STATUS	TYPE	CONNECTOR	CONN COLOR	BLOCKED CAVITIES	MATING DEVICE	MATING CONNECTOR
12177244	R	A1	-		102	12176686	GRAY	A, B, C		15300003
12040977	R	A1	-		101	12040951	BLACK		AC25007562	15300003

(13) PROCESS SENSITIVE DIMENSION
DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

PRELIMINARY DRAWING
NO TOOLING TO BE MADE FROM THIS PRINT UNLESS APPROVED BELOW BY DELPHI PACKARD ELECTRIC SYSTEMS COMPONENT ENGINEER AND A PURCHASE ORDER FROM PURCHASING
APPROVED _____
DATE _____

DRAWING STATUS
"UNCHECKED"

DELPHI Automotive Systems

MATERIAL SPEC	DIMENSIONAL RANGE (MM) CHART E
SEE DRAWING	FROM 0 | > 20 | > 30 | > 70 | > 100
	TO 20 | 30 | 70 | 100
	TOLERANCE UNLESS OTHERWISE SPECIFIED
	±0.15 ±0.2 ±0.3 ±0.4 ±0.5
	ANGULAR TOLERANCE ± 2°

PART DRAWING — DISTR CODE D

CODE NUMBER	DWG DATE	SCALE
6900	13JN95	2:1
QC SPEC	STYLE	VOLUME cm³

PART GEOMETRY

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 REFERENCES.

UG
CHANGE RESTRICTED
NO MANUAL CHANGES

COPY OF MATH DATA DO NOT SCALE

METRIC
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

THIRD ANGLE PROJECTION

REFERENCE	DR		DATE
001	APVD1	W. TURNBULL	13JN95
	APVD2	D. BRANTINGHAM	14JN95
	APVD3	R. KEEN	28AU95
	APVD4		
	APVD5		

DRAWING NAME
TAXI ASM CONN F M/P 280

SHEET NUMBER	DRAWING NUMBER	DWG STATUS			SIZE
		STG	REV	N/P	
1 OF 1	12177245	R	001	-	A0

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH10 44486