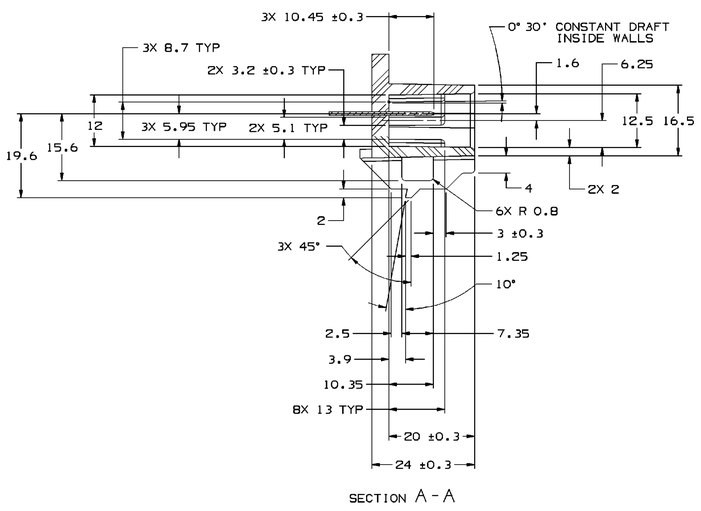
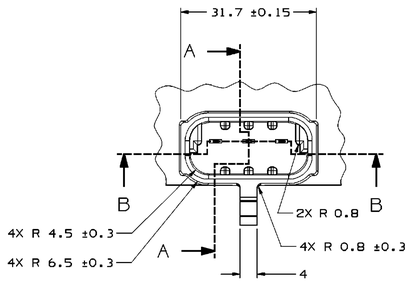
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (13) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	13
	LAST NO. USED	13

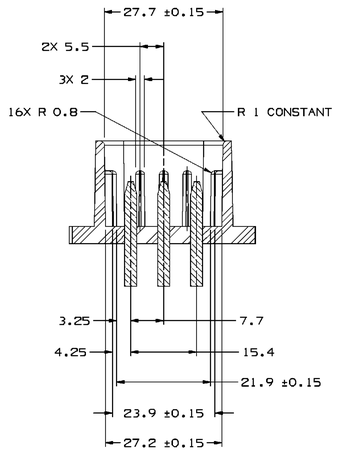
MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
13JN00	R	01	-	-		CLEARED REV COLUMN & ALL PARTS - REDRAWN TO PD & 30.4 +0.15/-0.2 WAS 30.4	201186	RGT	GMC	DN
10MY06	R	02	-	-		ALL PARTS - ADDED CONN SEAL INFO	280308	JBD	JAA	WTM

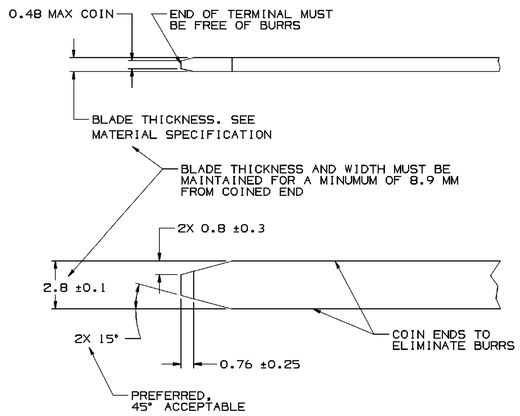


SECTION A - A





SECTION B - B



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.

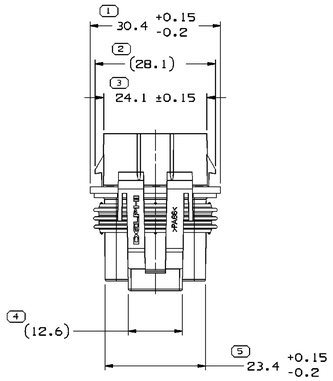
TENSILE STRENGTH - 407 MPa

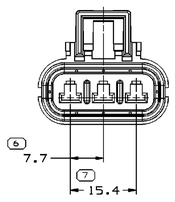
PLATING -FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.005±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.

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

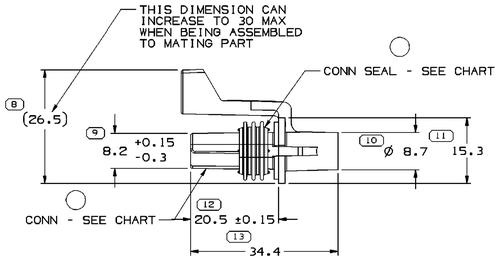
MATING TERMINAL INFORMATION
SCALE 8:1

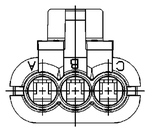
MATING CONNECTOR INFORMATION



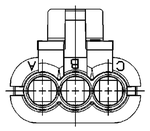


TYPE 101





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 12077411
   SECONDARY TERMINAL LOCK 12034145
   CABLE SEAL 12015323
   CONNECTOR POSITION ASSURANCE LOCK 12020833

PART NO	REV	N/P	STATUS	TYPE	CONNECTOR	CONN COLOR	CONN SEAL	BLOCKED CAVITIES	MATING DEVICE	MATING CONNECTOR
12177244	A2	-	-	102	12176686	GRAY	12034144	A, B, C	-	15300003
12040977	A2	-	-	101	12040951	BLACK	12034144	-	AC25007562	15300003

(13) PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM) FROM	TO	CHART ED
0	20	±0.15
20	30	±0.2
30	70	±0.3
70	100	±0.4
100	150	±0.5
150	200	±0.6
200	250	±1
250	300	±1.2
300	400	

TOLERANCE UNLESS OTHERWISE SPECIFIED
ANGULAR TOLERANCE ±2°

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

DWG TYPE: PART DRAWING
STYLE:
VOLUME (CM³): SEE CHART
DISTR CODE: D

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE ISM 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. FEATURE CONTROL FRAME TOLERANCES MAY BE SHARED SEPARATELY, REGARDLESS OF DATUM REFERENCE.
ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

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

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE CHART

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

DRAWING NUMBER: 12177245

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	2:1	1 OF 1	1 OF 1	R	02	-

Plot: 05/07/96 Time: 11:33 Date: 23-Aug-96 File: 12177245-CUS01-S01 Plotted by: Messenger