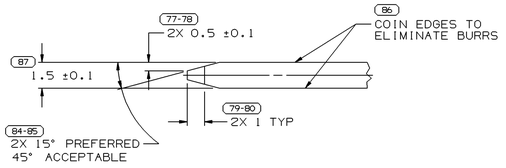
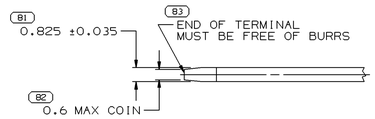
SYMBOL DEFINITION		MISSING NUMBERS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL ( ) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON AN INDIVIDUAL COMPONENT DRAWING.	TOTAL NO. OF SYMBOLS ON DRAWING: 59	
	LAST NO. USED: 89	

DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
29NO01	R	04	-	-		CLEARED REV COL, MAT'L SPEC WAS RO06193I PA6:NAT, ADDED DELPHI CORPORATE BRAND & MAT'L SPEC LOGO, UPDATED PDM ATTRIBUTES & REVISED PSD	212900	KGP	RVP	GMC
12DE01	R	04	AA	-		PSD WAS DIM 6 & REVISED MAT'L SPEC	218631	KGP	RVP	GMC
14JA04	R	04	AB	-		CORRECTED DIMS (81 13.7 SHOULD BE 15.3	250761	LMB	LMB	BG
11MR05	R	04	AC	-		2X 1.7 TYP WAS 4X 1.7 TYP AND ADDED 2X 1.46	264677	HAM	HAM	BDG
05JL05	R	05	-	-		MAT'L SPEC WAS M3592002	269884	RTV	JVM	EST





MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING EXTRA SPRING TEMPER

PLATING - 0.005±0.0025 MM THICK TIN

MINIMUMS

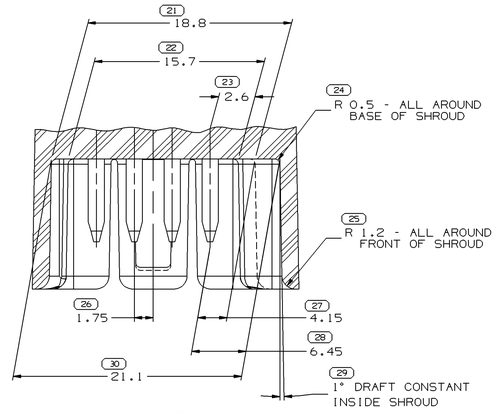
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS AT 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

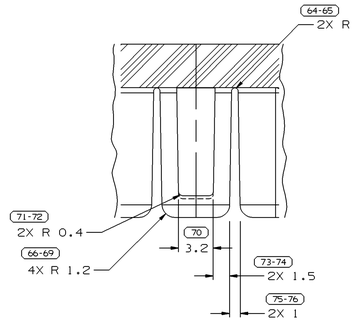
PLATING - FOR LOW ENERGY (≤5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.005±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

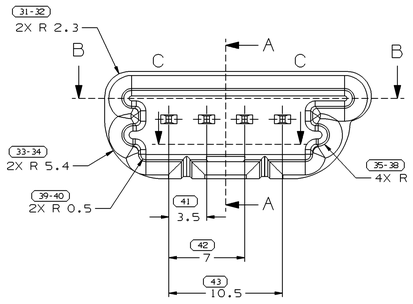
INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY

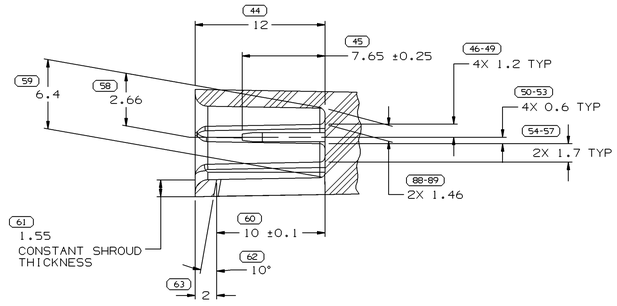


SECTION B-B



SECTION C-C





SECTION A-A

NOTES

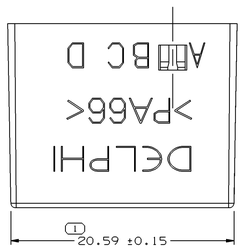
1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

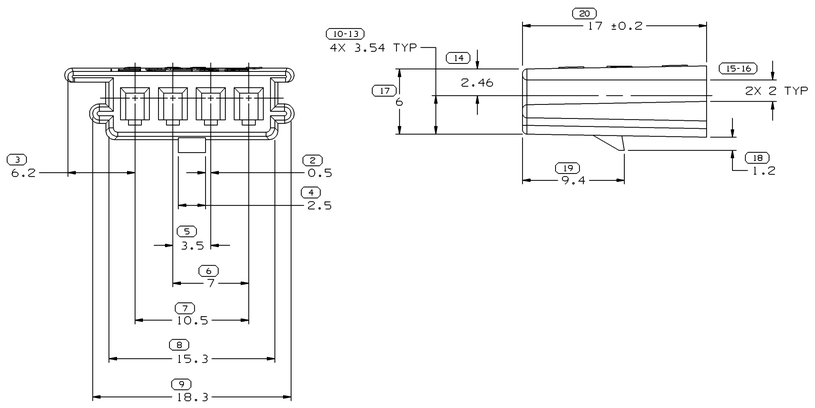
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION. (SEE MATH MODEL FOR PRECISE DIMENSIONS.) FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA.
   ALL RADII 0.5
   DRAFT IS 1° ON ALL OUTSIDE SURFACES

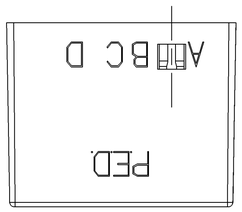
2. SUGGESTED MATERIAL: PA6.

MATING CONNECTOR INFORMATION

INSPECTION SYMBOLS SHOWN IN THESE VIEWS ARE FOR REFERENCE ONLY







OPTIONAL 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.
   LIKE CAVITIES ARE IDENTICAL
   SECONDARY LOCKING FEATURES ARE IDENTICAL

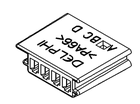
2. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.

3. REFERENCE MATING COMPONENTS OR EQUIVALENT:
   CONNECTOR F.B. SWITCH 20463709
   CONNECTOR 12052054

4. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
   CAVITIES TO ACCEPT 12047883 TERMINAL
   MAX. INSULATION CRIMP MUST BE LESS THAN 2.3 HIGH AND 2.7 WIDE
   SECONDARY LOCK 12045689.

5. MATERIAL RECYCLING CODE PER ISO 11469. (2.3)X(0.1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.

6. (2.3)X(0.1) RAISED DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION TO BE "PED" OR NO LOGO.



VIEW SCALE DOES NOT REFLECT ACTUAL PART SIZE

20 PROCESS SENSITIVE DIMENSION

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

DIMENSIONAL RANGE (MM) FROM	> 0 TO 20	> 20 TO 30	> 30 TO 70	> 70 TO 100	>100 TO 150	>150 TO 200	>200 TO 250	>250 TO 300	>300 TO 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 EI

DWG TYPE	PART DRAWING
STYLE	
VOLUME (CM³)	1.161
DISTR CODE	

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5-1994, 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 GIVEN SEPARATELY REGARDLESS OF DATUM REFERENCES. DIMENSIONS APPLY AFTER HEAT TREAT AND SURFACE COATINGS.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

UNIGRAPHICS

DELPHI

DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

		DATE
DR		
APVD1	B. BENETTO	210C87
APVD2	R. W. GLEASON	16DE87
APVD3	R. C. BARKER	04JA88
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
M3592024 PA66 HS IM CRM

DRAWING NAME
CONN 4 F M/P 150 CRM

DRAWING NUMBER
12045813

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A0	5:1	1 OF 1	1 OF 1	R	05	-

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Delphi Connection Systems:

12045813-B