

## MATERIAL SPECIFICATIONS

### RECOMMENDED

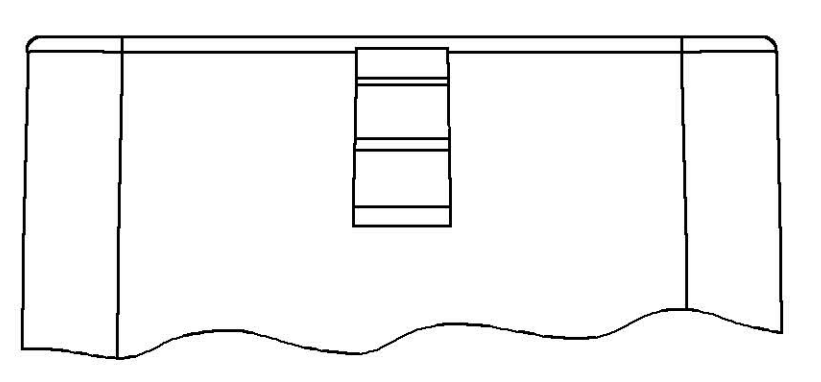
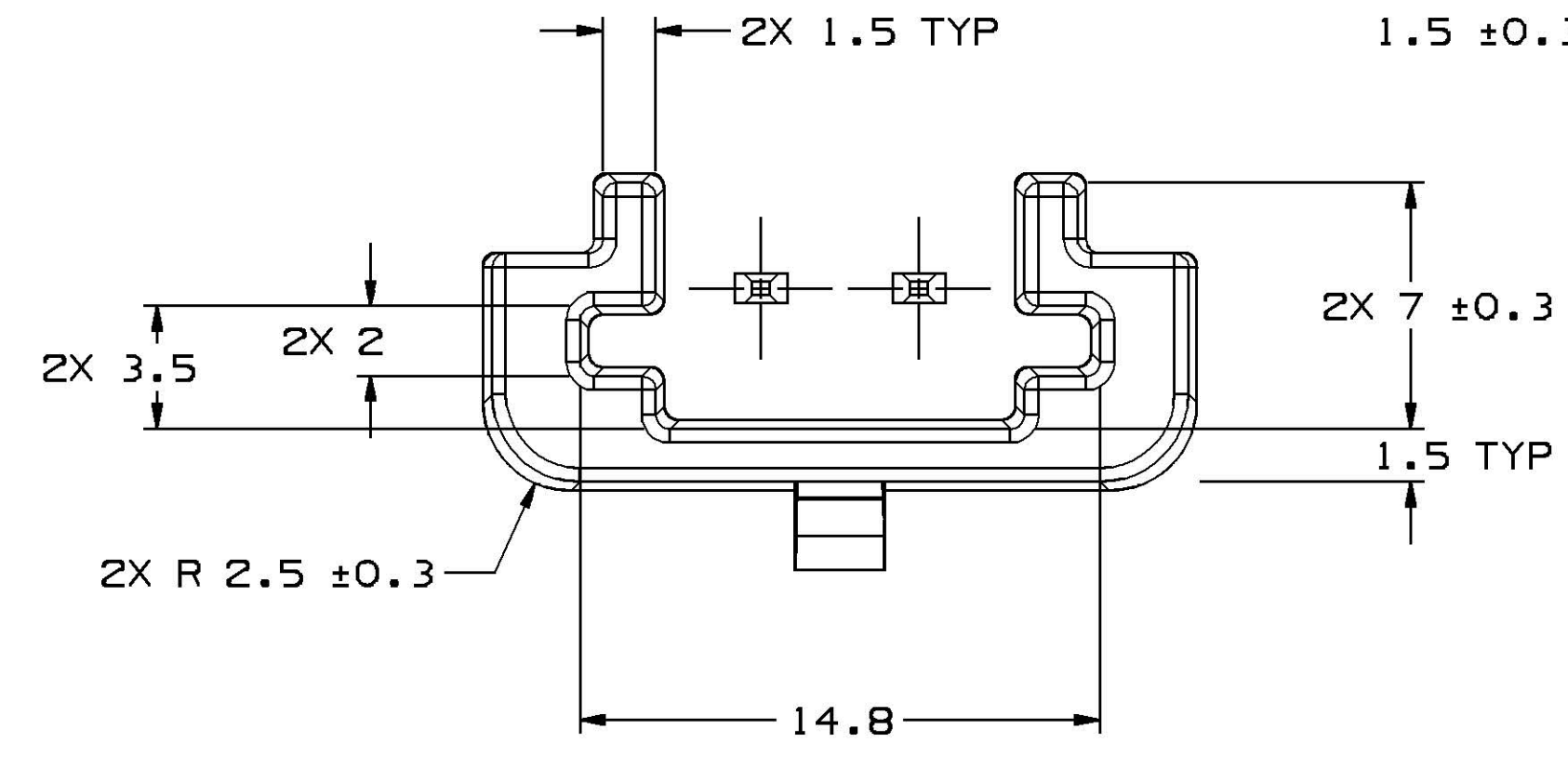
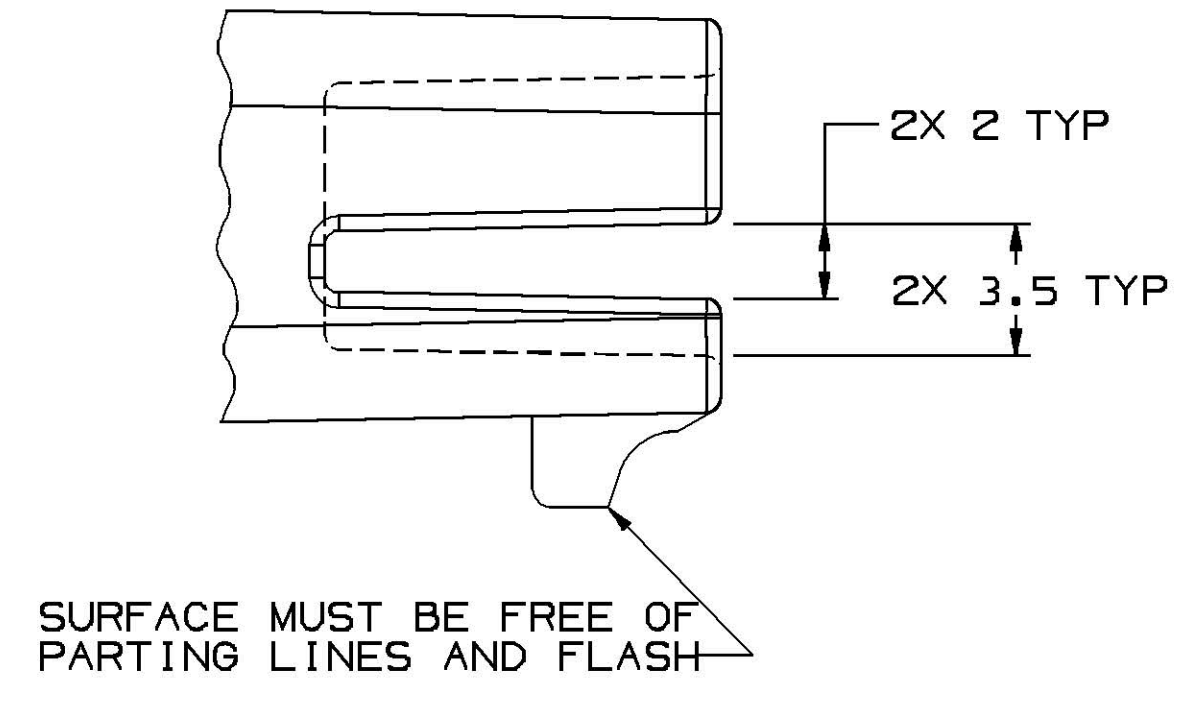
- BASE METAL - CDA-210, EXTRA SPRING TEMPER
- TIN PLATING (WHERE APPLICABLE TO 125°C MAX CONTINUOUS USAGE): 0.0050±0.0025 MM (200±100 μIN) ELECTROPLATED TIN.
- USAGE OF PLATING TYPES OTHER THAN RECOMMENDED MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

### MINIMUMS

- ELECTRICAL CONDUCTIVITY - ≥28% IACS AT 20 °C. USE OF A MATERIAL WITH CONDUCTIVITY <28% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.
- TENSILE STRENGTH - 430 - 480 MPa
- UNDERPLATING FOR TIN PLATING - FOR BASE MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0025 MM (100 μIN) MINIMUM THICK IS REQUIRED.
- PROCESSING LUBRICANT - ANY PROCESSING LUBRICANT REMAINING ON TERMINALS MUST NOT VARNISH OR DEGRADE THE ELECTRICAL PERFORMANCE OF THE CONNECTION UP TO A MAXIMUM TEMPERATURE OF 150°C. PROCESSING LUBRICANTS MUST BE APPROVED BY DELPHI PACKARD ELECTRIC SYSTEMS ENGINEERING.

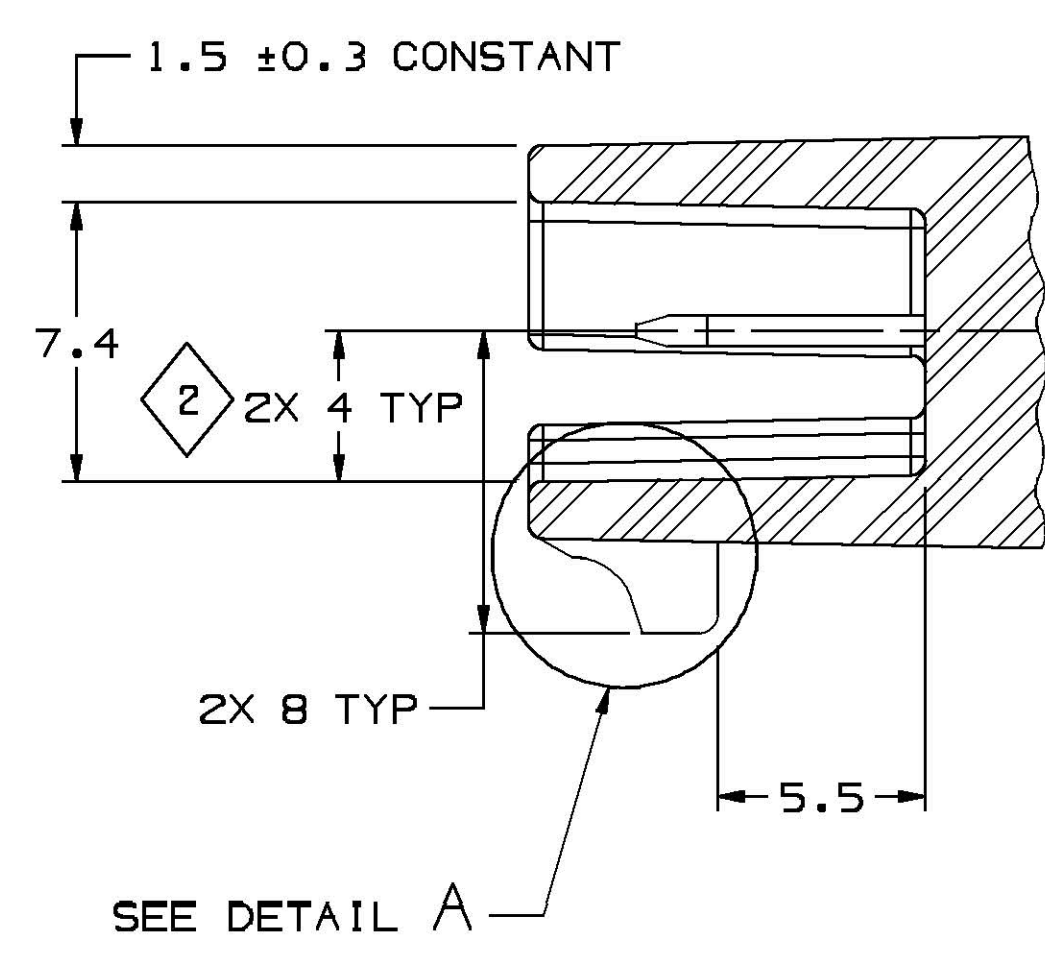
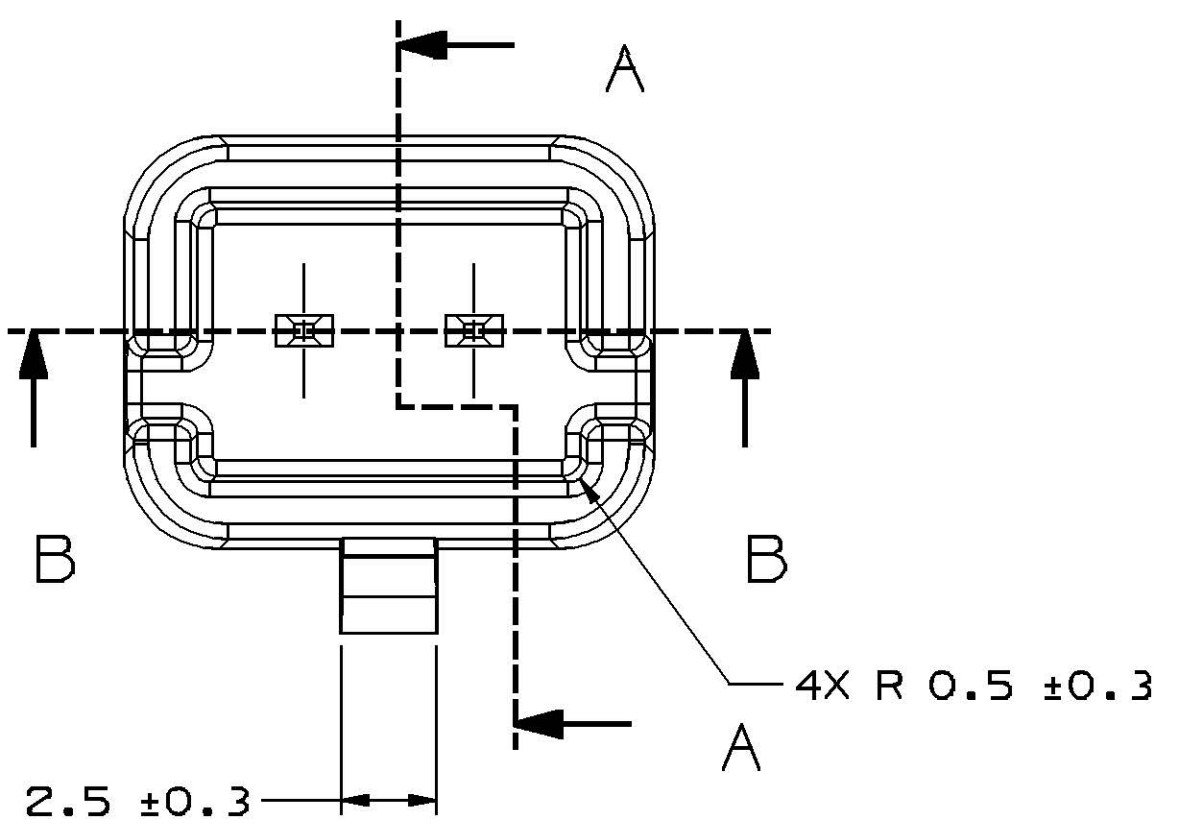
## MATING BLADE INFORMATION

KEY PRODUCT CHARACTERISTIC SYMBOLS (⊙, ⊠) INDICATE PRODUCT CHARACTERISTICS THAT REQUIRE SPECIAL CARE, DOCUMENTATION, AND ACCEPTANCE CRITERIA PER 6M 1805 QN AND DELPHI PACKARD ELECTRIC SYSTEMS PROCEDURES.			
KEY PRODUCT CHARACTERISTICS			
⊙ SAFETY/COMPLIANCE	⊠ FIT/FUNCTION		
TOTAL ON DRAWING		2	
LAST NUMBER USED		2	

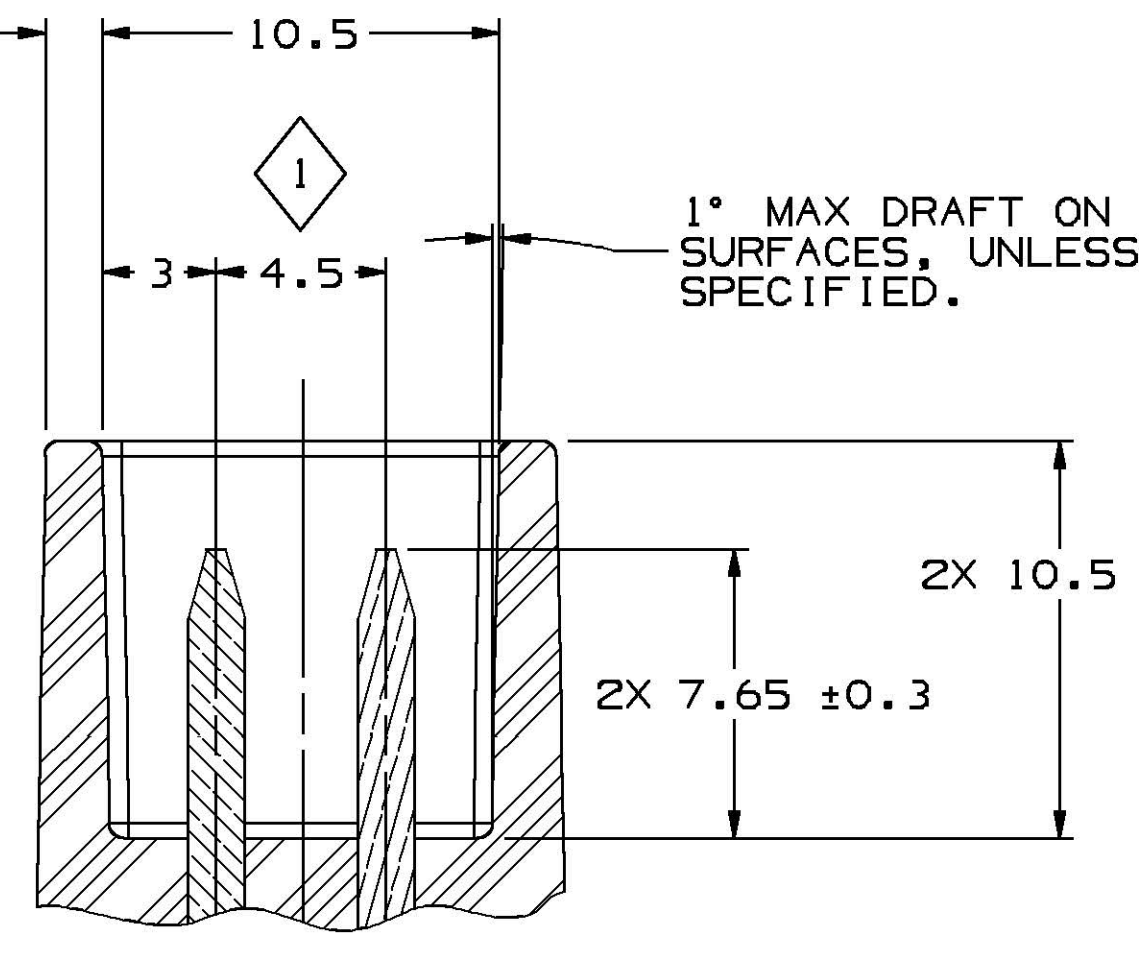


OPTIONAL CONSTRUCTION

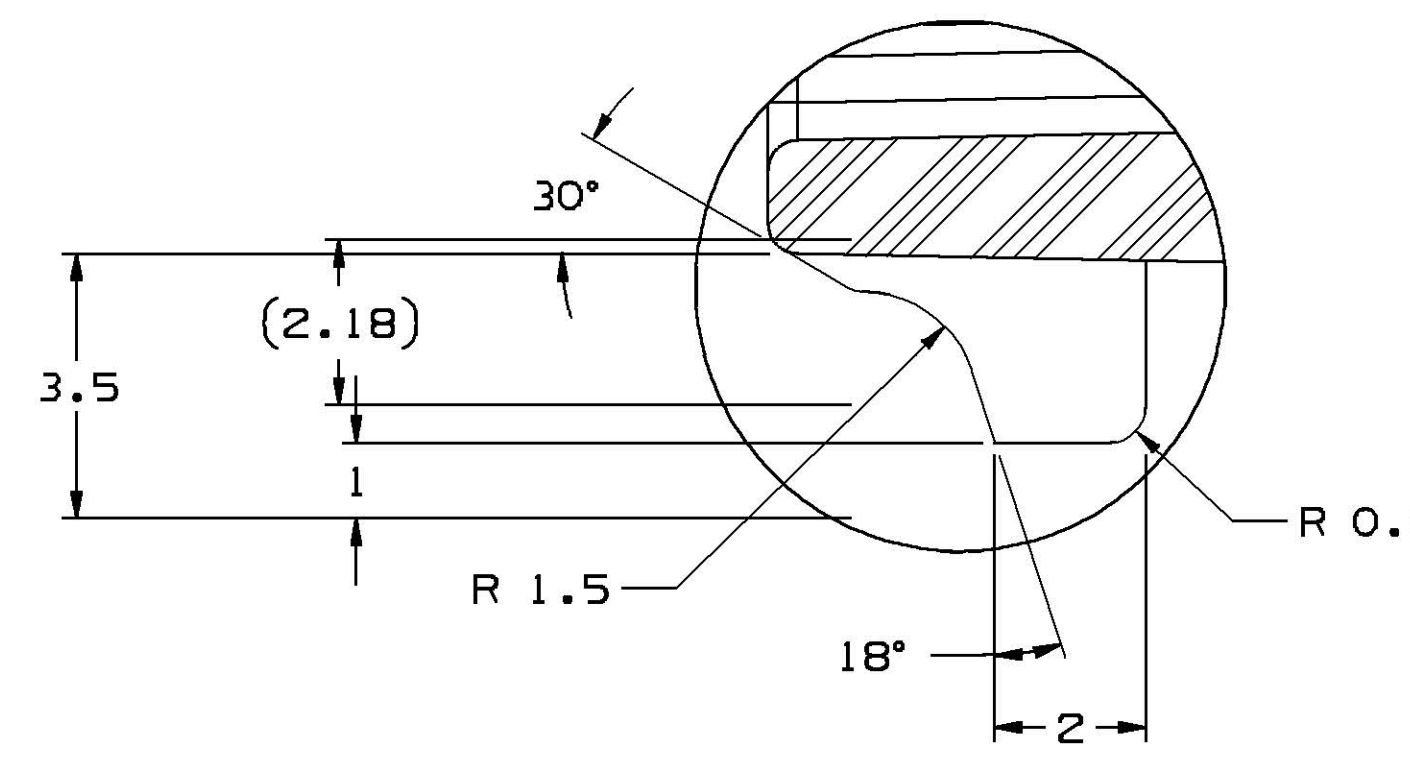
SYMBOL DEFINITION		MISSING SYMBOLS	
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	11	NO MISSING SYMBOL NUMBER
	LAST NO. USED	9	



SECTION A-A



SECTION B-B



DETAIL A  
SCALE 10:1

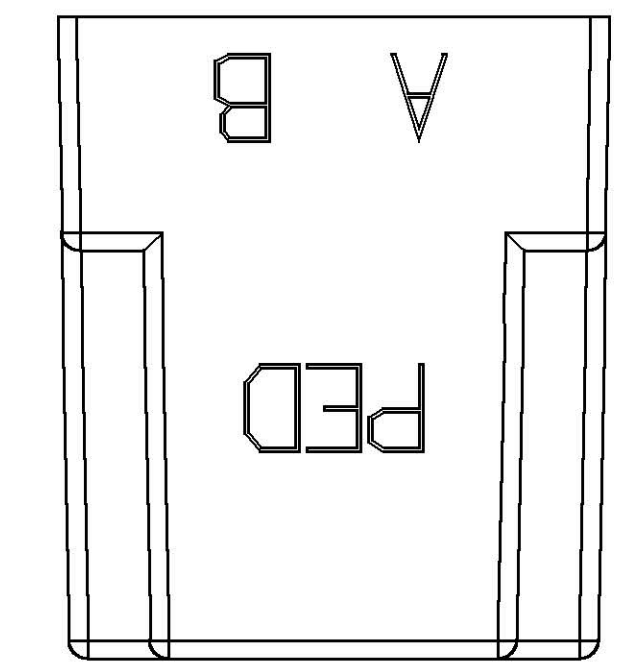
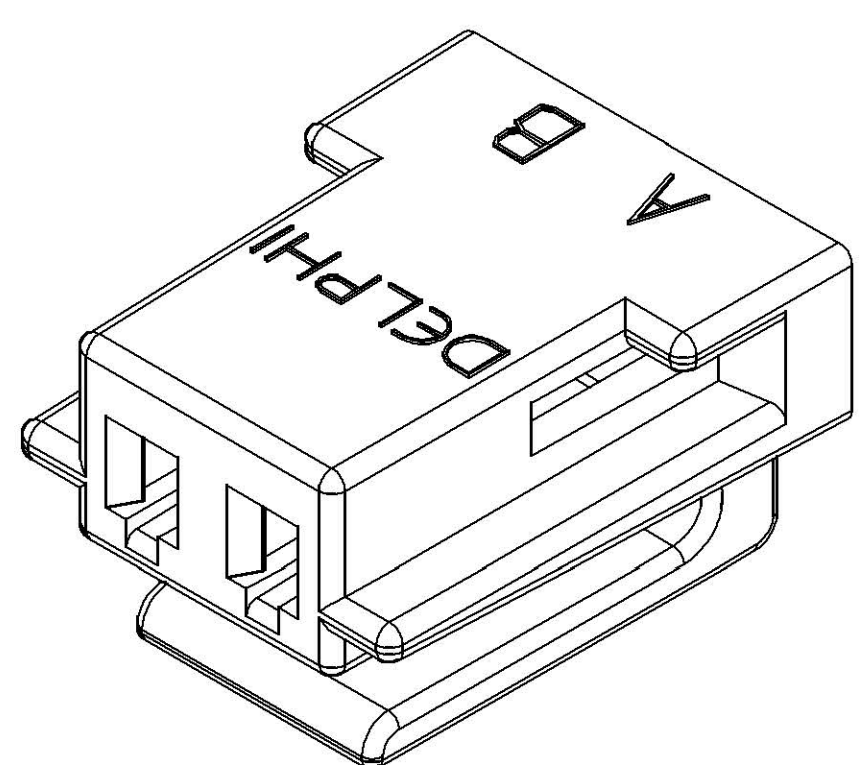
## MATING CONNECTOR INFORMATION

### NOTES

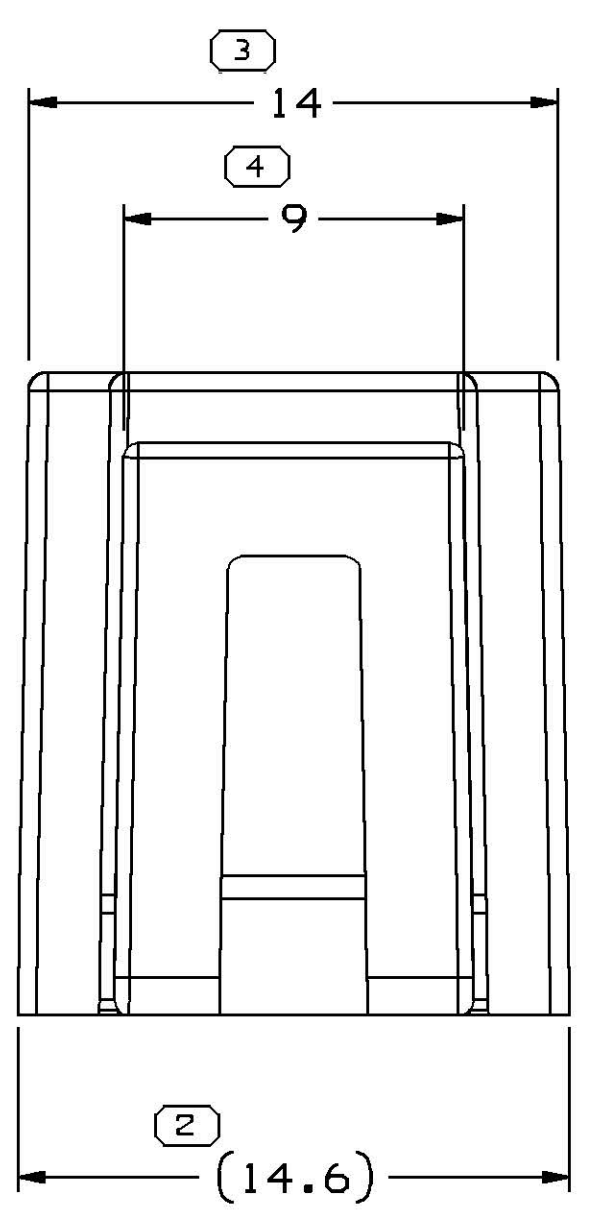
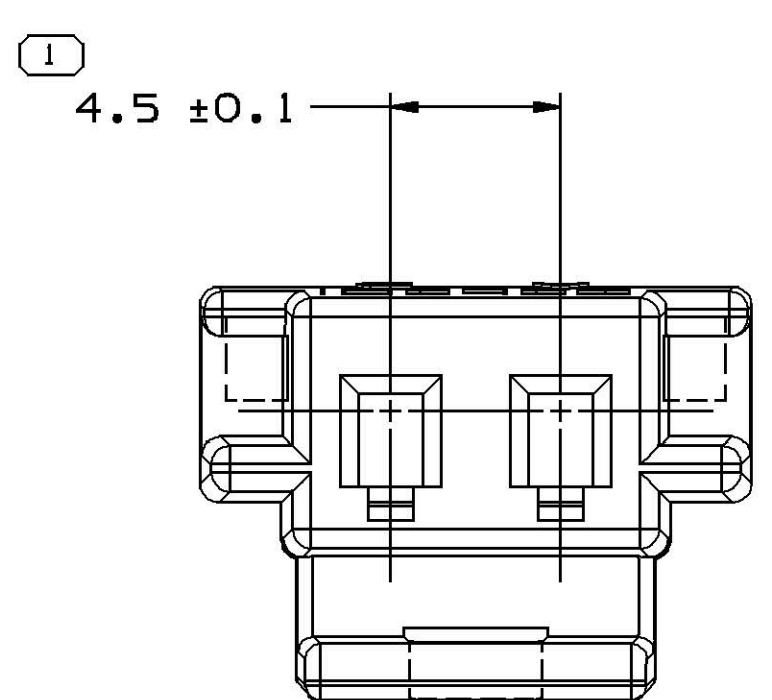
- UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:  
DIMENSIONS ARE TO FACE OF VIEW SHOWN AND AUTOMATICALLY ROUNDED BY COMPUTER FOR INSPECTION (SEE MATH MODEL FOR PRECISE DIMENSIONS). FOR ALL OTHER DIMENSIONS NOT SHOWN BUT REQUIRED FOR TOOL BUILD, SEE MATH MODEL FOR PRECISE TOOL PATH DATA. ALL RADII 0.4  
DRAFT IS 1° ON ALL OUTSIDE SURFACES
- KEY PRODUCT CHARACTERISTIC SYMBOLS (⊙, ⊠) INDICATE PRODUCT CHARACTERISTICS THAT REQUIRE SPECIAL CARE, DOCUMENTATION, AND ACCEPTANCE CRITERIA PER 6M TARGETS FOR EXCELLENCE.
- RECOMMENDED MATERIAL:  
GLASS REINFORCED NYLON OR POLYESTER

### NOTES

- 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.
- FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
- 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.
- MATERIAL SELECTED FOR FUEL TANK APPLICATIONS.



OPTIONAL CONSTRUCTION



13957519	01	AA	-	ACETAL COMPOUND BLACK	1.053	-	4
13952626	01	AA	-	POLYAMIDE COMPOUND BLACK	1.053	-	-
13894197	01	AA	OBSOLETE	POLYAMIDE COMPOUND BLACK	1.053	-	-
13651345	01	AB	-	POLYAMIDE COMPOUND GRAY	1.053	-	-
12059110	E6	-	OBSOLETE	POLYAMIDE COMPOUND BLACK	1.053	13957519	-
PART NO	REV	N/P	STATUS	MATERIAL AND COLOR	VOL (CM³)	REPLACED BY	SEE NOTE

DIMENSIONAL RANGE (MM)		TOLERANCE UNLESS OTHERWISE SPECIFIED	
FROM	TO	TOLERANCE	ANGULAR TOLERANCE
> 0	> 20	±0.2	±2°
> 20	> 30	±0.3	
> 30	> 40	±0.4	
> 40	> 50	±0.5	
> 50	> 60	±0.6	
> 60	> 70	±0.7	
> 70	> 80	±0.8	
> 80	> 90	±0.9	
> 90	> 100	±1.0	
> 100	> 120	±1.2	
> 120	> 150	±1.5	
> 150	> 200	±2.0	
> 200	> 250	±2.5	
> 250	> 300	±3.0	
> 300	> 400	±4.0	

PROCESS SENSITIVE DIMENSION	
9	DO NOT SCALE
	USE MATH DATA

<b>DELPHI</b>	
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE WARREN, OH	
DR	DATE
APV01 P. C. PRIDMORE	06JN07
APV02 P. C. PRIDMORE	06JN07
APV03 BRIAN GROUBERT	06JN07
APV04	
APV05	
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI (0944930)	
DRAWING NUMBER	
TAXI CONN M/P 150	
DRAWING NUMBER	
13651346	
SIZE A0	SCALE 5:1
FRAME NO 1	SHEET NO 1 OF 1
STG REV 1	REV 04

# Mouser Electronics

Authorized Distributor

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[13957519](#)