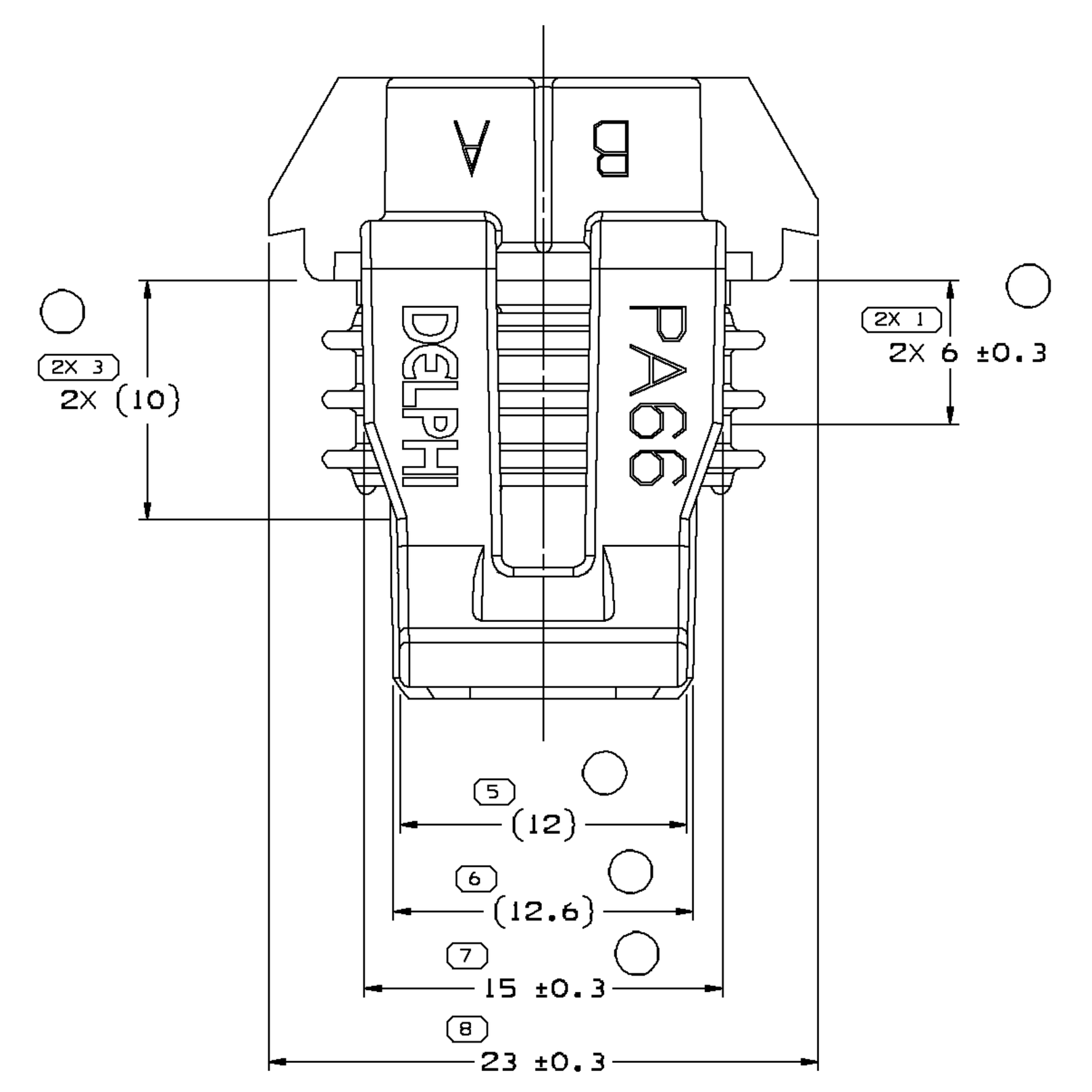
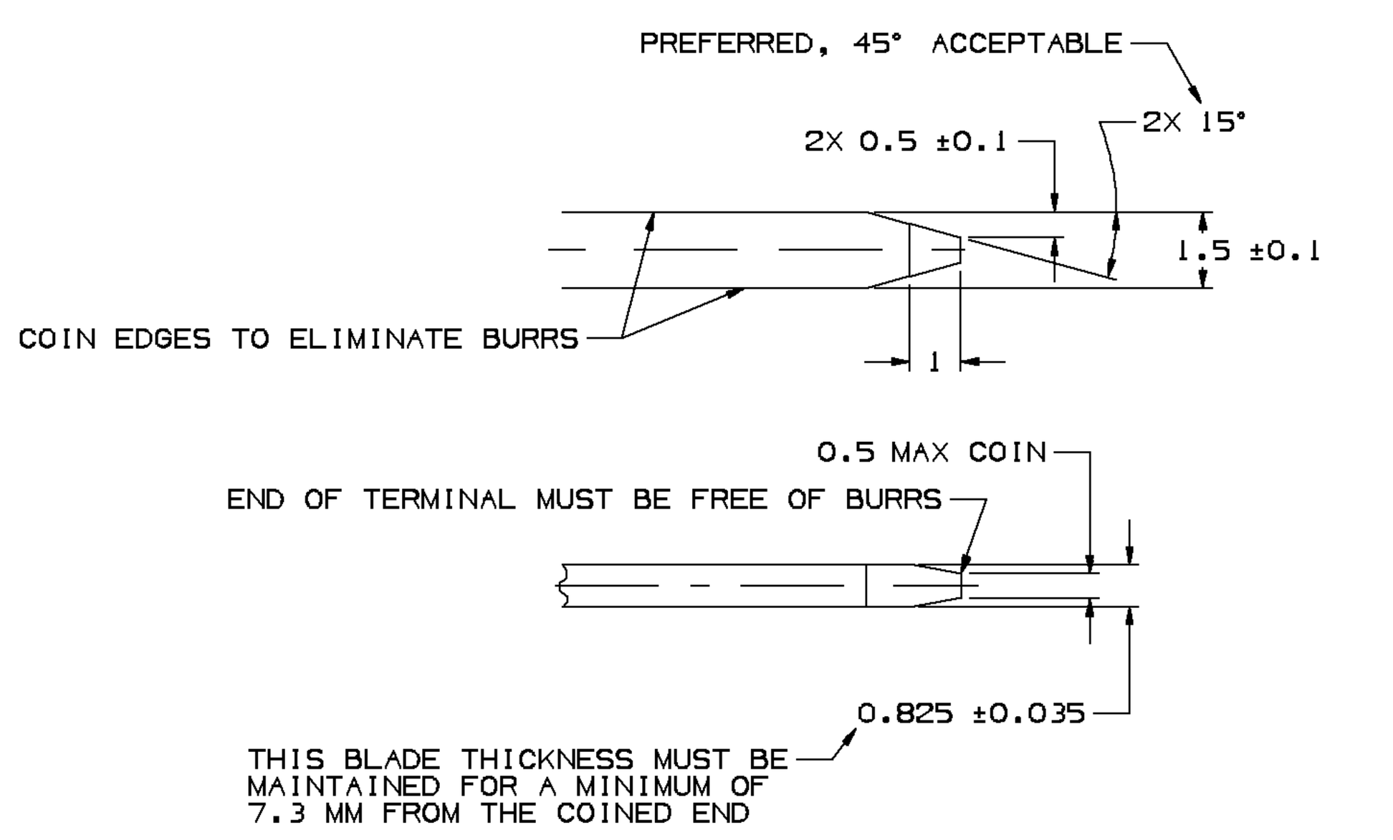


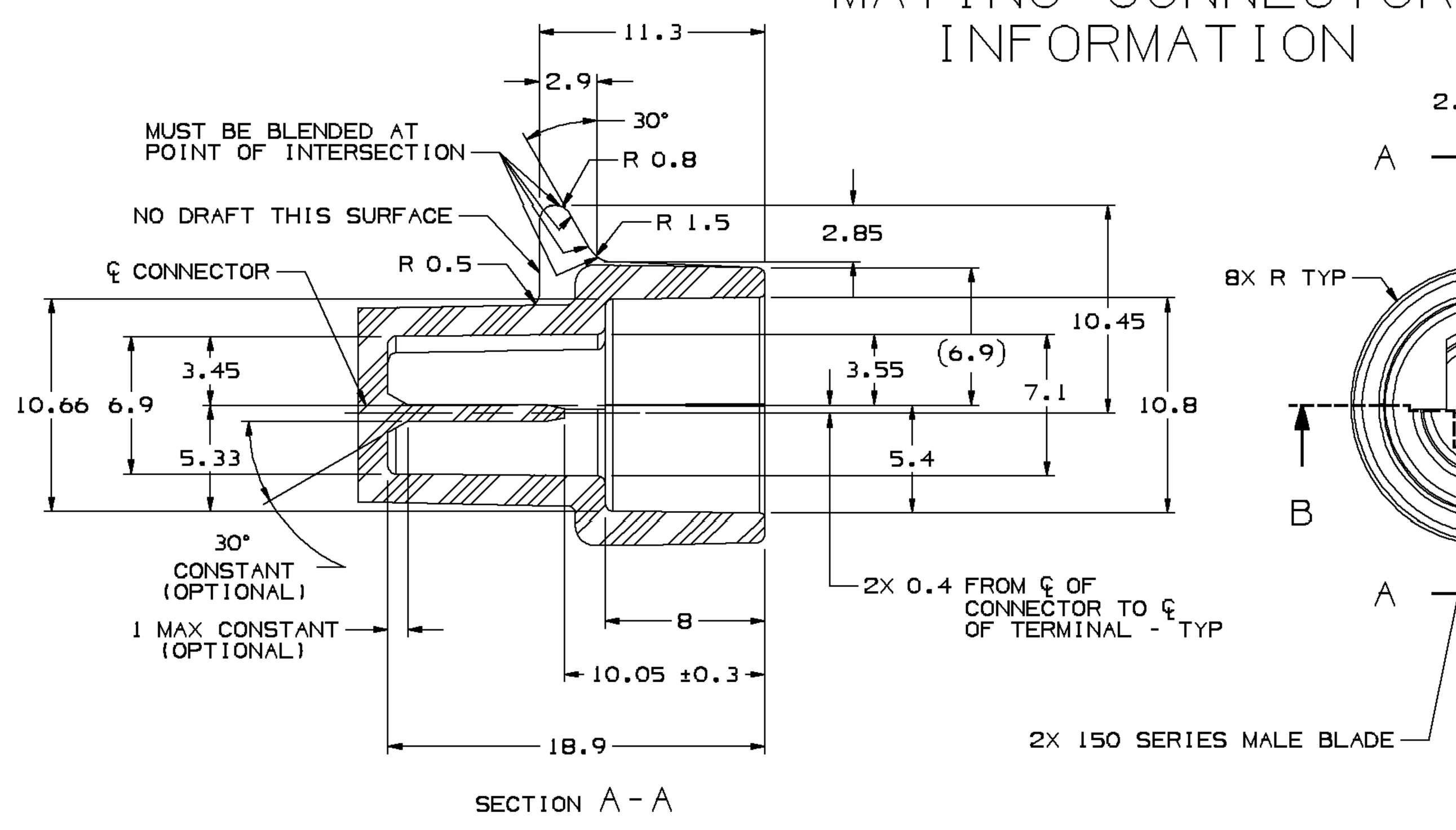
MATING TERMINAL INFORMATION

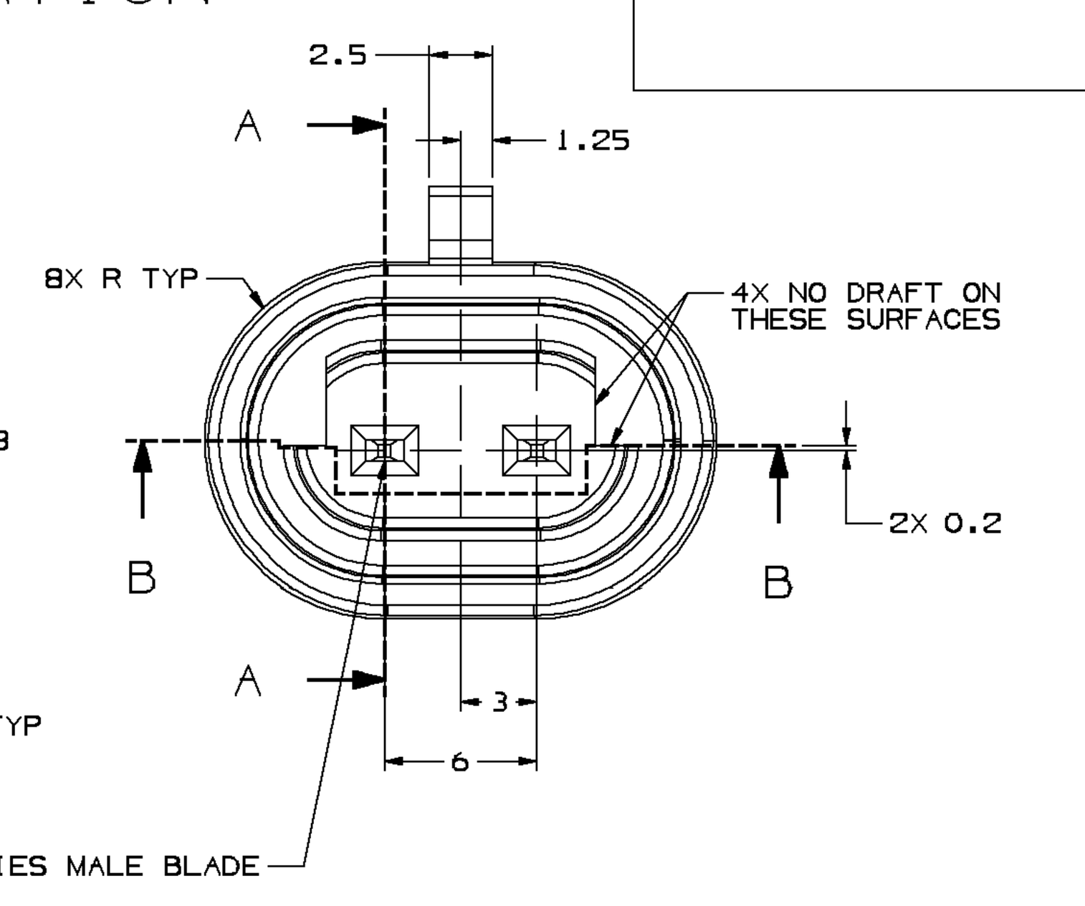


NOTE- TERMINALS ARE IDENTICAL.

MATERIAL- RECOMMENDED MATERIAL IS P-1546 (CDA 210) - EXTRA SPRING TEMPER - TIN PLATED BRASS
PLATING THICKNESS: 0.0026 - 0.0076 MM
TENSILE STRENGTH: 430 - 480 MPA
(MATERIAL SHOULD HAVE AN ELECTRICAL CONDUCTIVITY ≥ 20% IACS AT 68° F. USE OF MATERIAL WITH CONDUCTIVITY < 20% IACS SHOULD BE APPROVED BY DELPHI PACKARD ELECTRIC.)

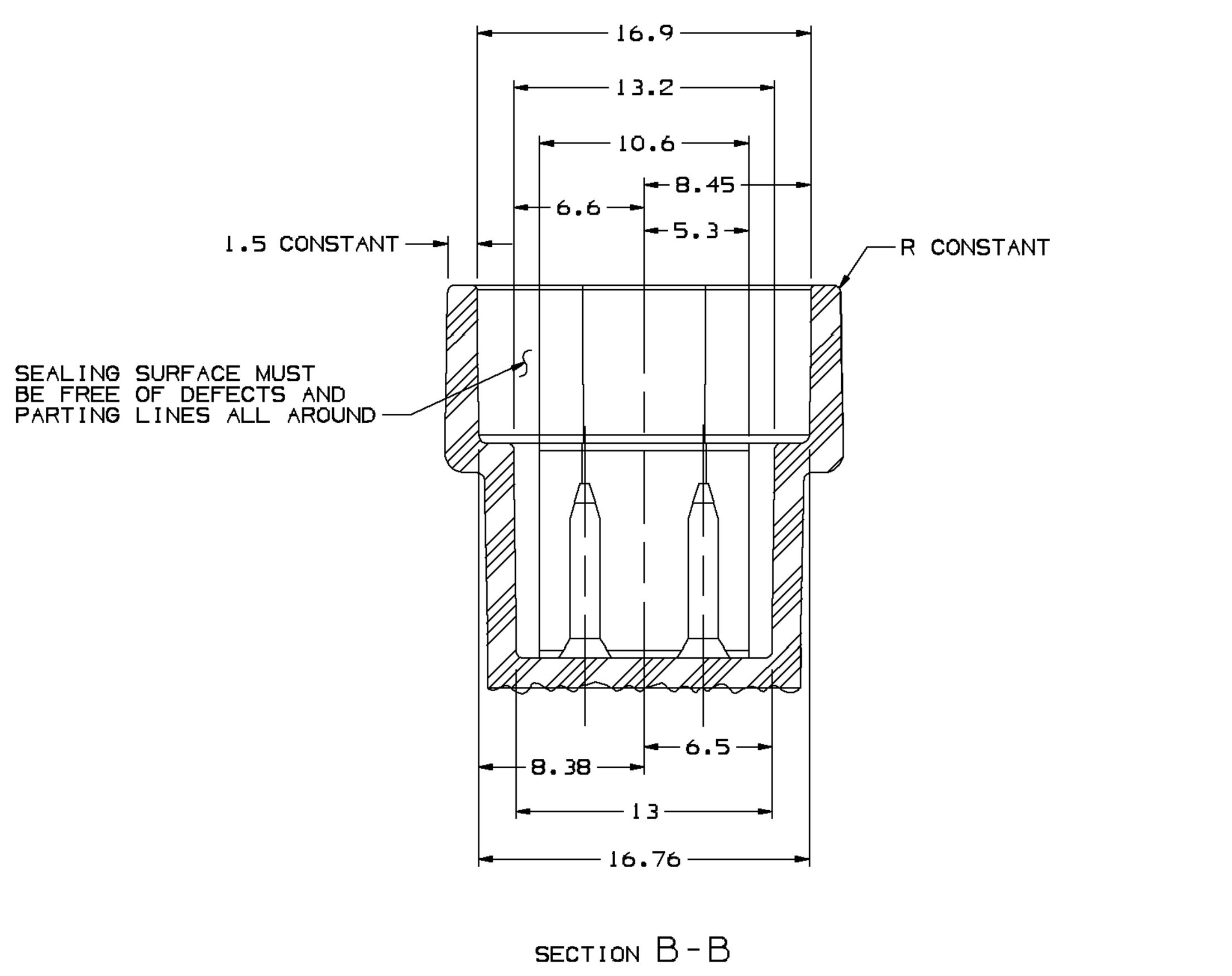
MATING CONNECTOR INFORMATION

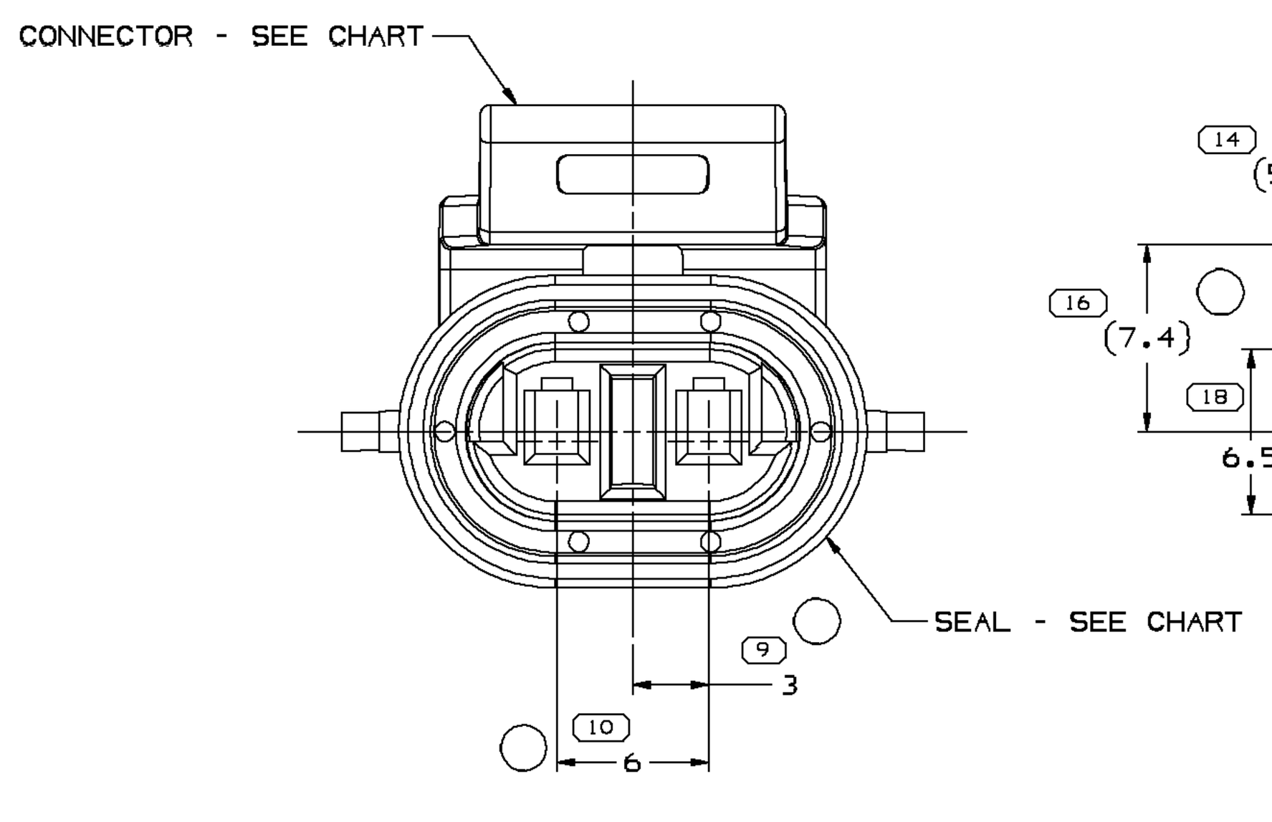




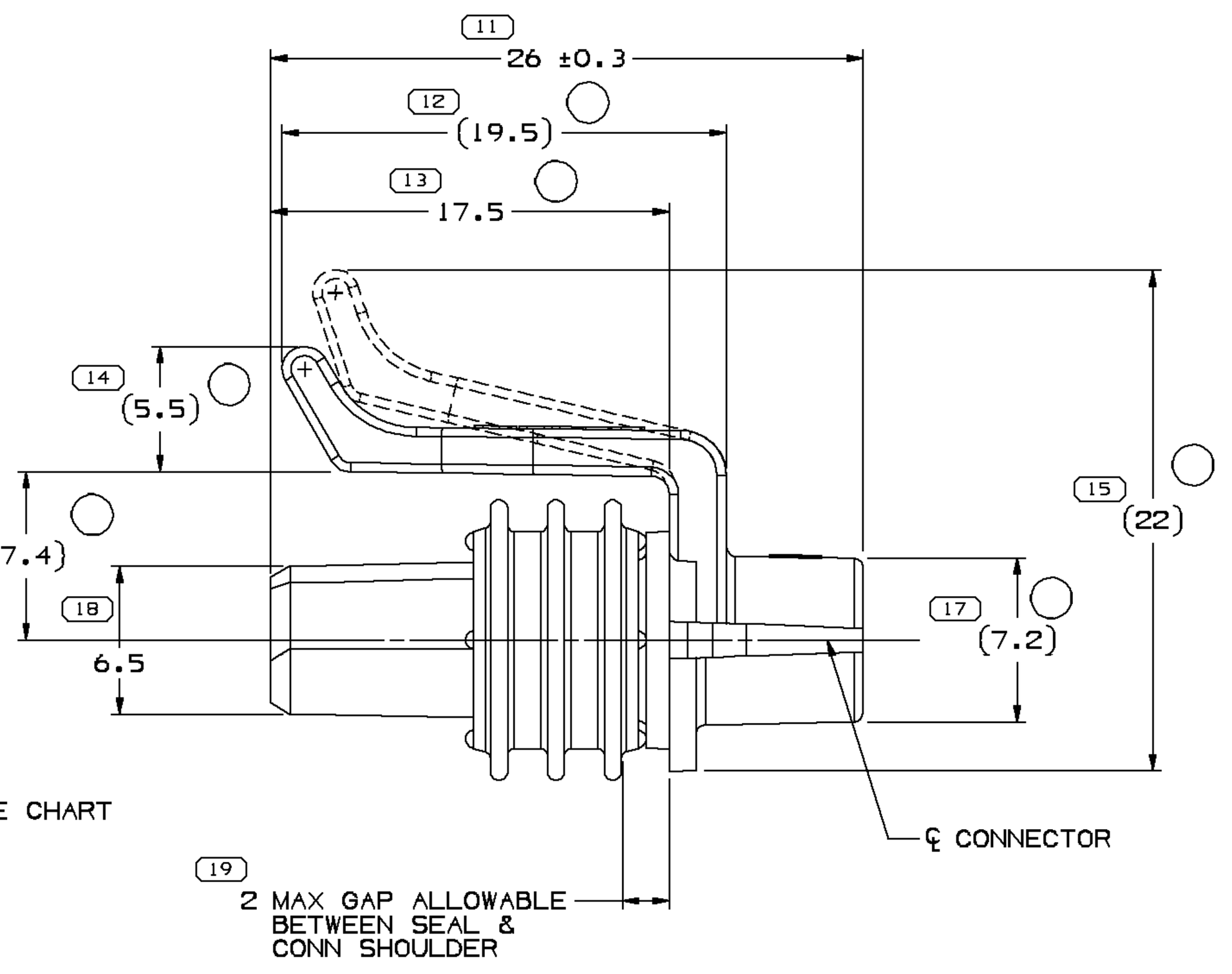
NOTES

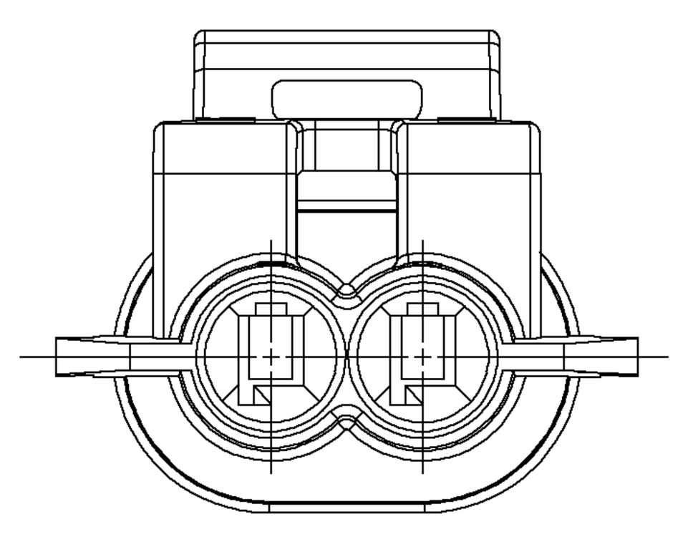
1. ALL RADII 0.4, UNLESS OTHERWISE SPECIFIED
2. RECOMMENDED MATERIAL - GLASS FILLED NYLON OR POLYESTER
3. WHEN USING THIS INFORMATION FOR A NEW DESIGN, REQUEST THE LATEST COPY OF THIS PRINT FROM DELPHI PACKARD ELECTRIC

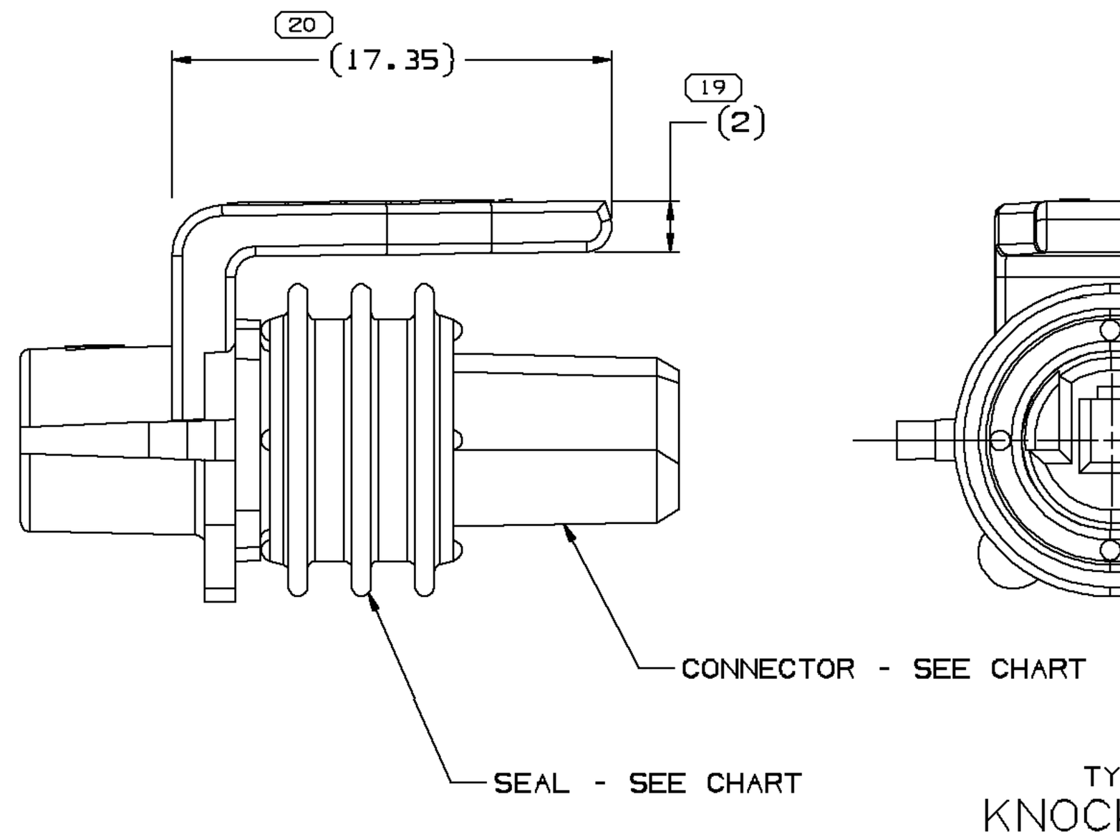




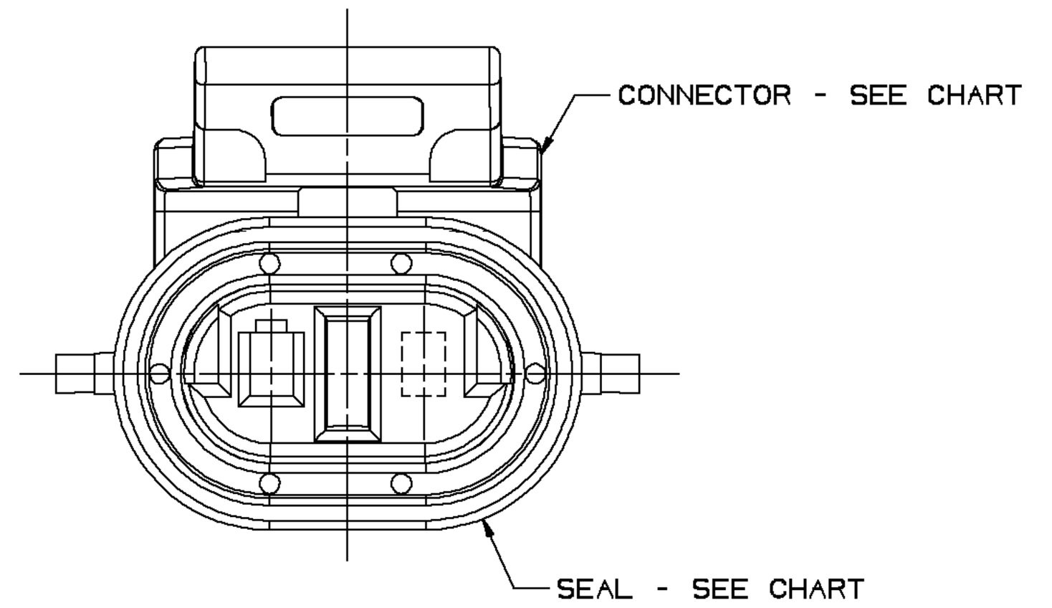
TYPE 101



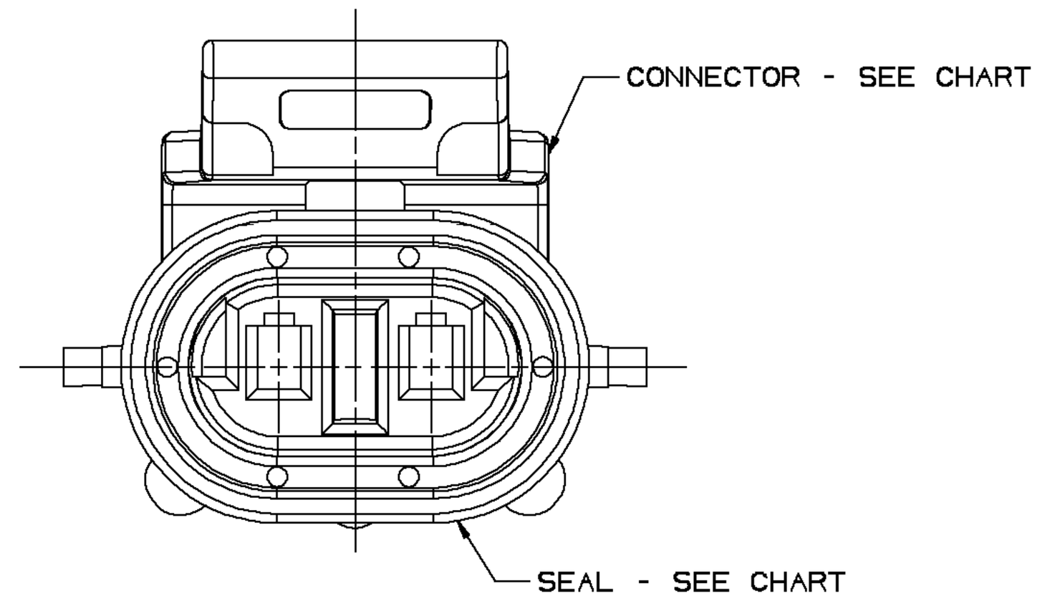




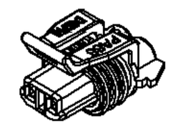
TYPE 104
KNOCKOUT PAD
CONSTRUCTION



TYPE 103



TYPE 102
KNOCKOUT PAD
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. MATING COMPONENTS OR EQUIVALENT:
CAVITIES TO ACCEPT 12048074 TERMINAL
CABLE SEAL 12048086
SECONDARY LOCK 12052634
3. THIS CONNECTOR TO MATE WITH CONNECTOR 12052648; OR EQUIVALENT.
4. THIS CONNECTOR TO MATE WITH TEMP. SW/SEN OR EQUIVALENT, ASM P/N 12162409 IS FOR HIGH TEMP. REQUIREMENTS.
5. THIS CONNECTOR TO MATE WITH REAR SW/SENSOR.
6. MAXIMUM CABLE DIAMETER - 2.8 MM
7. 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 ENTRY OF FOREIGN MATTER.
8. SEALING CODE 3.
9. FOR PART NUMBERS WITH ADHESIVE, USE M3510001 OR ADHESIVE APPROVED BY MATERIALS ENGINEERING TO GLUE CONNECTOR SEAL TO CONNECTOR.

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	21	2 4
	LAST NO. USED	20	

DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
23AU99	R	01	-	-		CLEARED REV COLUMN; ALL PARTS REDRAWN	195107	LMM	RMM	RP
23AU99	R	02	-	-		15355280 RELEASED	990005	LMM	RMM	RP
28AU00	R	03	-	-		12052644, 12089499, 15324246, 15324647, 15355280 & 12186686 - CURRENT PD WAS TQD AND REMOVED DIMS (13 PLCS)	202820	JCO	GGI	RP
31JL01	R	04	-	-		12052644, 12089499, 15324243, 15324647, 15355280 & 12186686 - ADDES MATING CONNECTOR & TERMINAL INFORMATION	211789	JLJ	JLJ	MB
06MR06	R	05	-	-		ALL ACTIVE PARTS - ADDED DIMS 13 PLCS, MATERIAL SPEC IN NOTE 9 WAS PM003510, 13575577 - RELEASED	277364	CJP	CJP	SAN

PART NUMBER WITH ADHESIVE	REV	N/P	STATUS	PART NUMBER WITHOUT ADHESIVE	REV	N/P	STATUS	NUMBER OF CAVITIES	CAVITIES BLOCKED	CONNECTOR BODY	TYPE	CONNECTOR SEAL	MATING CONNECTOR	CONNECTOR COLOR
	-	-	-	13575577	01	-	-	2	NONE	13575574	104	12103067	SEE NOTE #3	LT GRA
		-		15355280	01	AC		0	A,B	15355279	101 OR 102	12103067	SEE NOTE #3	LT GRN
		-		15324647	A4	-		2	NONE	12052638	101 OR 102	15305167	SEE NOTE #3	LT GRAY
		-		15324243	A4	-		2	NONE	15324242	101 OR 102	12103067	SEE NOTE #3	GRAY
		-		12162409	A2	-	OBSOLETE	1	B	12162408	101	12103067	SEE NOTE #4	NAT
		-		12162348	A2	-	OBSOLETE	2	NONE	12162347	101	12103067	SEE NOTE #5	BLACK
		-		12089499	B9	-		1	B	12089498	101 OR 103	12103067	SEE NOTE #4	BLUE
12186686	A4	-		12052644	C8	-		2	NONE	12052638	101 OR 102	12103067	SEE NOTE #3	LT GRAY

DRAWING NUMBER					
12089588					
SIZE A1x3	SCALE 5:1	FRAME NO 2 OF 2	SHEET NO 1 OF 1	STG R	REV 05	N/P -

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

PROCESS SENSITIVE DIMENSION

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 GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE
USE MATH DATA

CAD UG UNIGRAPHICS

DELPHI
DELPHI PACKARD ELECTRIC SYSTEMS
WARREN, OH

		DATE
DR		
APVD1	JOSEPH HOUGELMAN	14MR89
APVD2	JOSEPH HOUGELMAN	27MR89
APVD3	RON PUHL	08SE00
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL
SEE CHART

DRAWING NAME
TAXI ASM CONN F M/P 150 SLD

DRAWING NUMBER
12089588

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1x3	5:1	1 OF 2	1 OF 1	R	05	-

12089588