



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 - $\geq 28\%$ 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 μ IN) 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



SECTION A-A

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 0.4
DRAFT IS 1° MAX ON ALL OUTSIDE SURFACES.

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 PACKARD ELECTRIC
4. MATERIAL RECYCLING CODE PER ISO 11469. (2,3)X(0,1) CHARACTERS
AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.



CABLE SEAL MUST NOT
EXTEND BEYOND CONNECTOR

CBL SEAL SEE CHART

12092311	12092310	12092308	12092309
PART NO	CONN	CONN SEAL	CBL SEAL

SYMBOL DEFINITION

A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

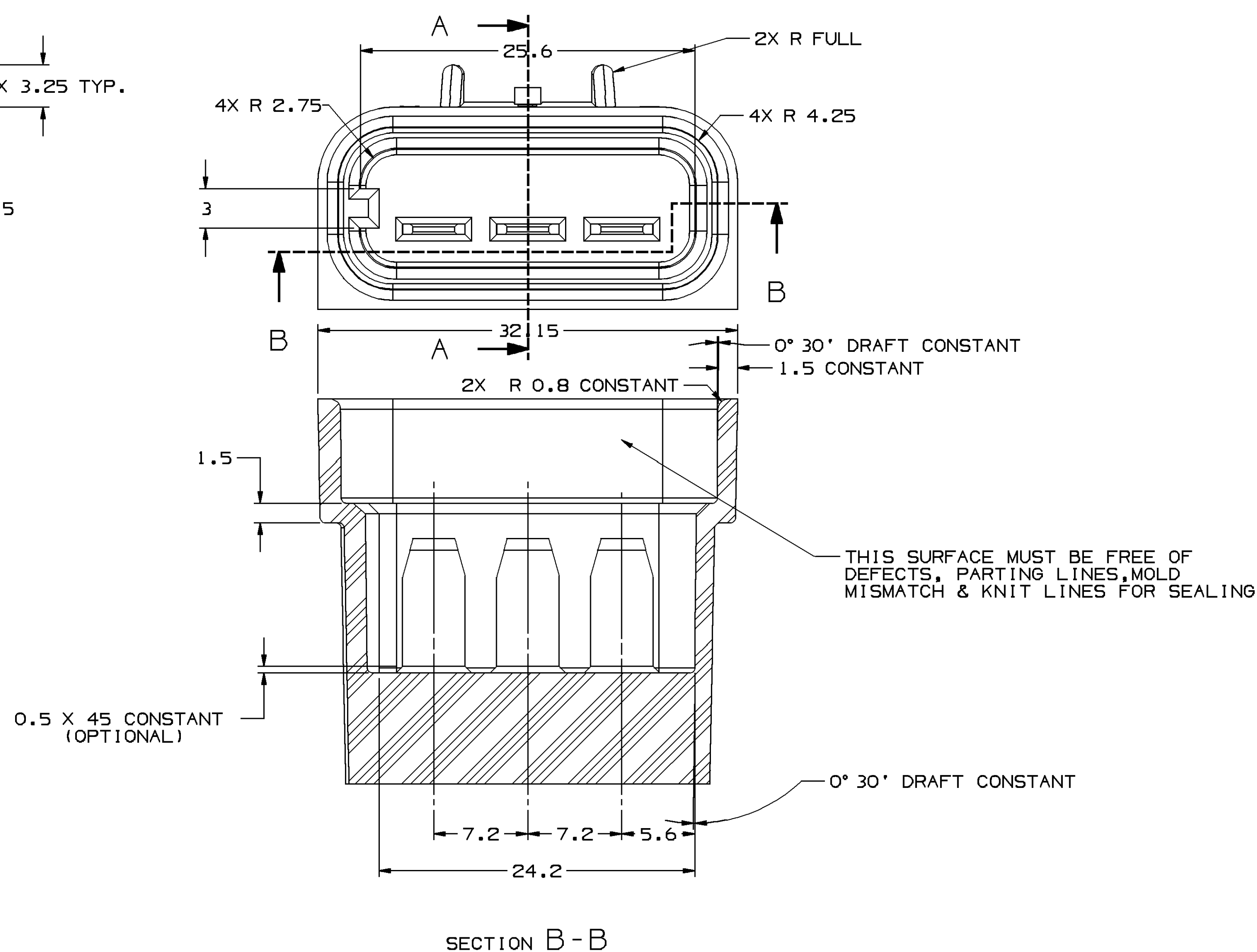
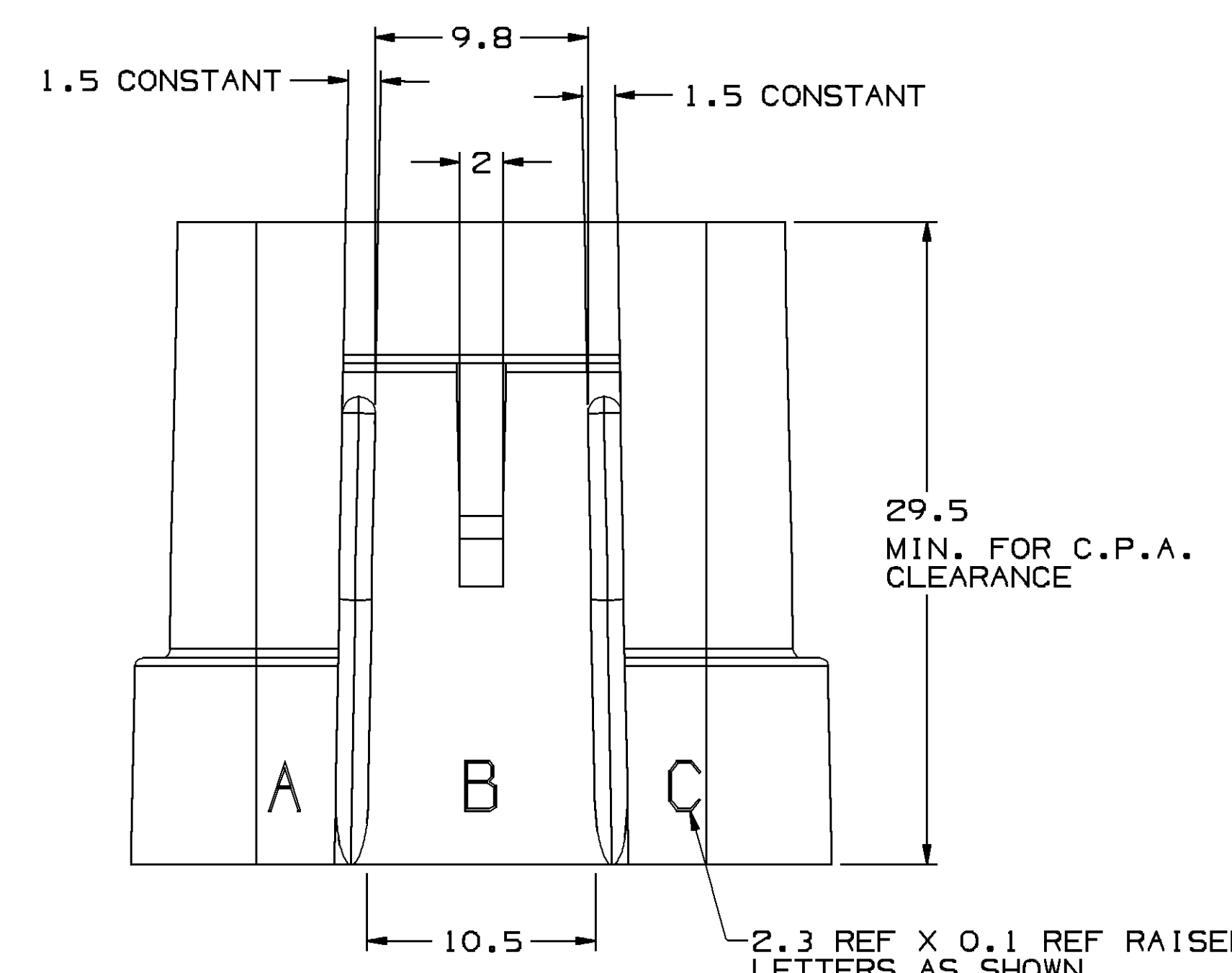
TOTAL NO OF INSPECTIONS REQUIRED	
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LAST NO. USED	
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MISSING SYMBOL

NO MISSING SYMB NUMBER

OL	DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APPROV	CVC
	DATE	STG	REV	N/P	CHG						
	07C087	A	-			DRAWING COMPLETE	-	WRS			
	18N087	B	-			REVISED	-	WRS			
	13JN88	C	-			15.75 WAS 15.650/15.350, 21.00 WAS 20.00 & 1.15 R. WAS 1.00 R.	-	JR			
	21MR89	D	-			REMOVED CPA, WAS PE012825 AND RELEASED	890005	TEM	TEM		
	11SE89	E	-			16.00 DIM WAS 15.75	129193	AL			
	10N006	E1	-			REDRAWN	285543	WHC	WHC	ET	



SECTION B-B

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. TERMINAL POSITION ASSURANCE 1 (DELPHI P/N 1 OR EQUIVALENT)
3. THIS ASSEMBLY ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

480 SERIES FEMALE PULL TO SEAT TERMINAL 12092306 OR EQUIVALENT
MAX CABLE O.D. 3.10 DIA.
CONNECTOR SEAL 12092308 OR EQUIVALENT
CABLE SEAL 12092309 OR EQUIVALENT
MATING PART NUMBER OF DELCO PRODUCTS BRUSHLESS BLOWER MOTOR COVER 5045961 OR EQUIVALENT

4. WHEN PARTS ARE SHIPPED. THEY MUST BE PACKED IN PLASTIC BAGS OR SHIPPING CONTAINER MUST BE LINED WITH PLASTIC LINERS BAGS OR LINERS MUST BE SEALED TO AVOID ENTRY OF FOREIGN MATTER

5. SEALING CODE 3

TWO TYPE		PART DRAWING	
STYLE			
VOLUME (QTY)		DISTR CODE	
		D	
UNLESS OTHERWISE SPECIFIED			
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AND IS INDEXED BY THE 94-10, 94-11, DIMENSIONING AND TOLERANCE INFORMATION (DIT) - SEPARATE PATTERNS OF REFERENCE MAY BE OMBED SEPARATELY, REGARDLESS OF DATUM REFERENCES.			
ALL DIMENSIONS ARE IN MILLIMETERS			
REFERENCE			
1	THIRD ANGLE PROJECTION	DO NOT SCALE	
2		USE MATH DATA	
3			

									
DELPHI PACKARD ELECTRIC SYSTEMS WARREN, OH									
DT							DATE		
APVD1 BILL SCANNELL							070C87		
APVD2 E. V. MCCOYAN							070C87		
APVD3 J. MORELLO							24N087		
APVD4							25AP89		
APVD5							25AP89		
SUBSTANCES OF CONCERN AND RECYCLED CONTENT, PER DELPHI 10949001									
MATERIAL SEE DRAWINGS									
DRAWING NAME ASM CONN 3 F M/P 480 BLK SLD									
DRAWING NUMBER 12092311									
SIZE A0		SCALE 2:1		FRAME NO 1 OF 1		SHEET NO 1 OF 1		STO REV 1	