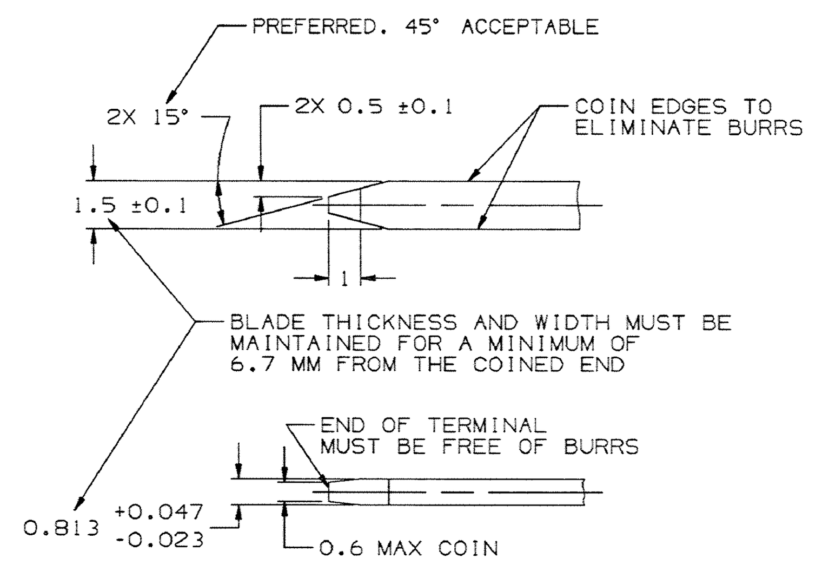
SYMBOL DEFINITION			MISSING NUMBERS
THE NUMBER INSIDE THE SYMBOL ⬭ CORRESPONDS TO THE NUMBER ON THE INSPECTION REPORT FOR THIS DRAWING/PART NUMBER	TOTAL NO. OF SYMBOLS ON DRAWING	15	
	LAST NO. USED	15	

DWG STATUS DATE	STG	REV	CHG	N/P	ZONE	REVISION HISTORY	AUTH	DR	CK	APVD
28AU00	R	001	-	-		REDRAWN TO PD	202632	JLZ	RVP	GMC

270713



MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER

PLATING - 0.0050±0.0025 MM THICK TIN

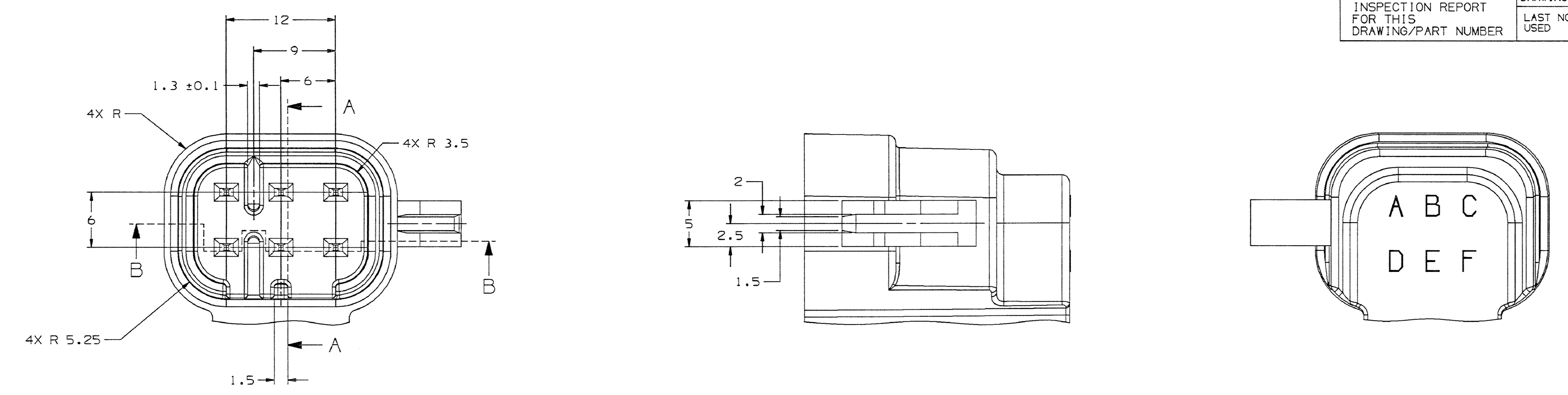
MINIMUMS

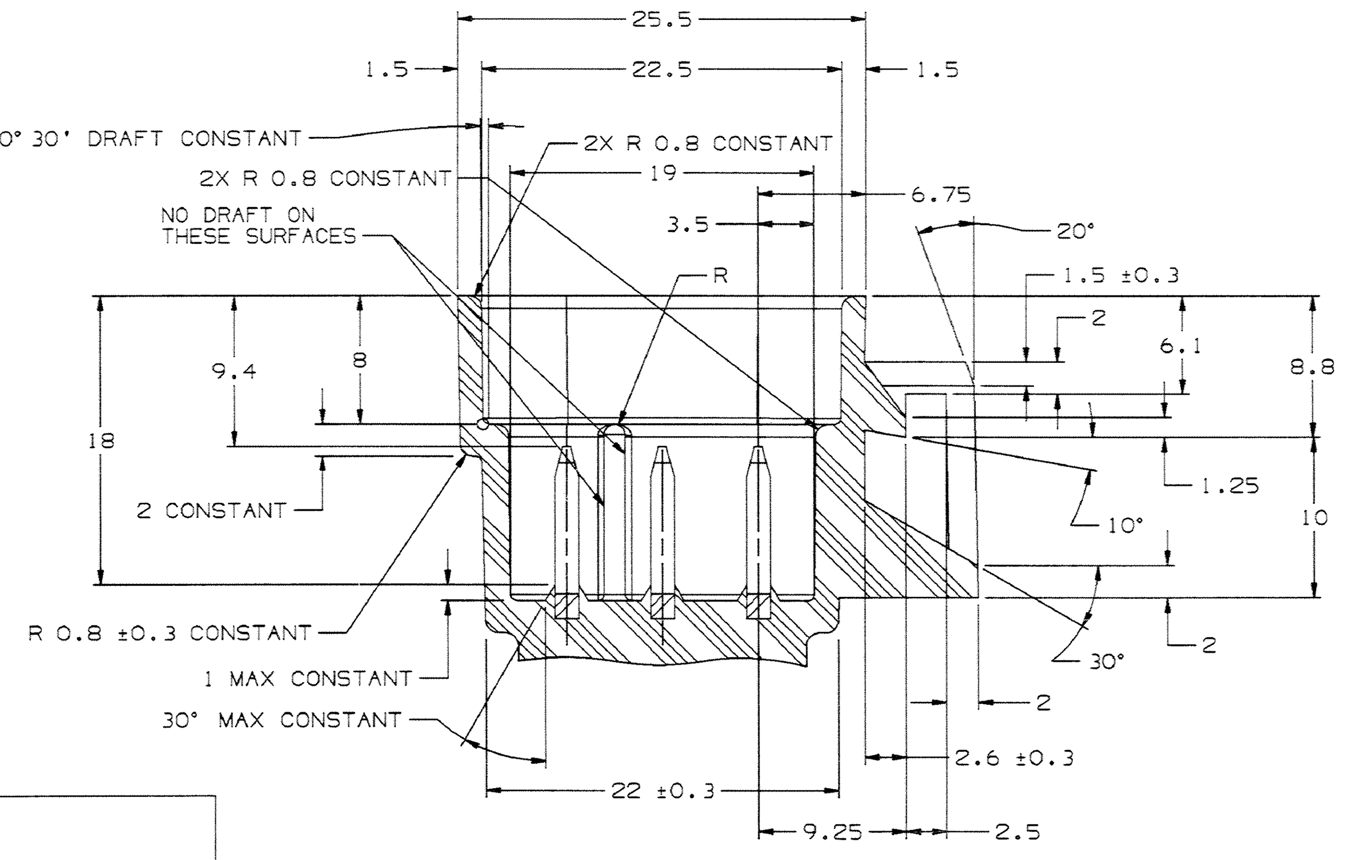
ELECTRICAL CONDUCTIVITY - > 20% IACS AT 20°C. USE OF A MATERIAL WITH CONDUCTIVITY 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

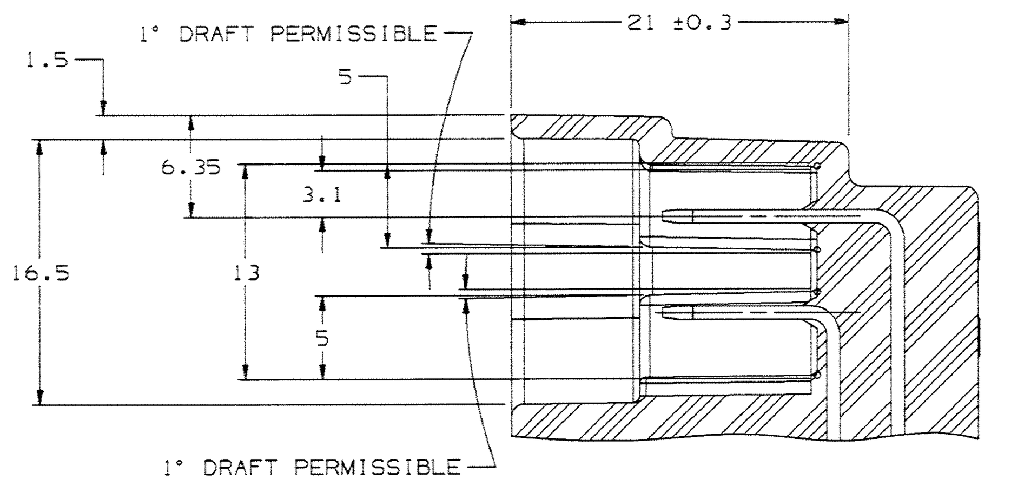
TENSILE STRENGTH - 407 MPA

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

MATING BLADE INFORMATION
SCALE 8:1





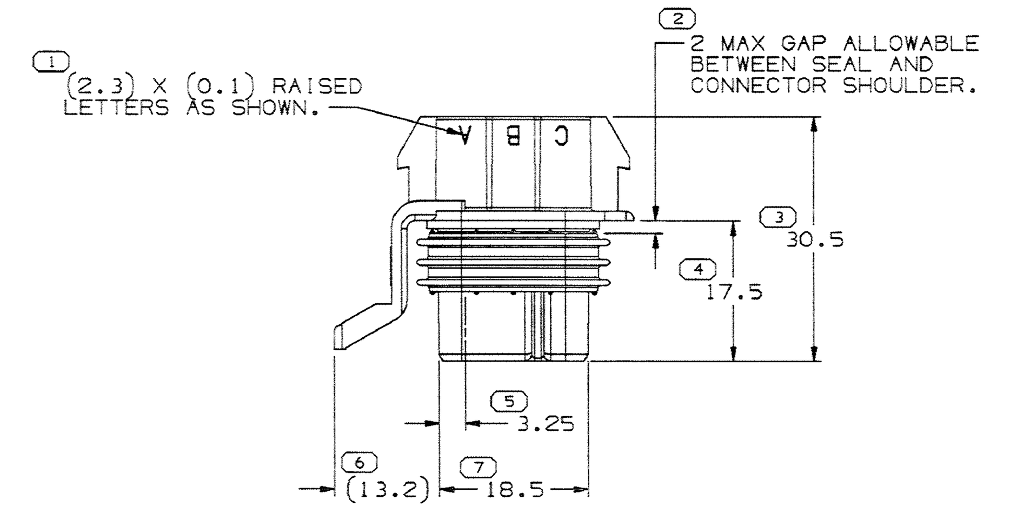


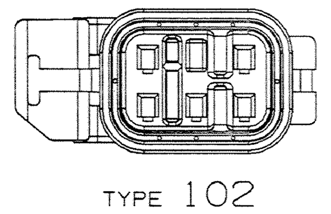
Temporary Production Print
C/N 270713
Approval Eric Tracy Date 7-28-05
Approval [signature] Date 7.28.05

MATING CONNECTOR INFORMATION
SCALE 4:1

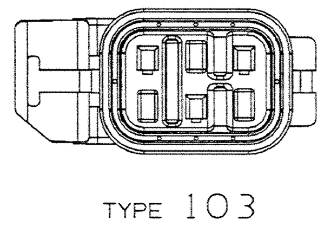
NOTES

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 0.4
   DRAFT IS 1° 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.

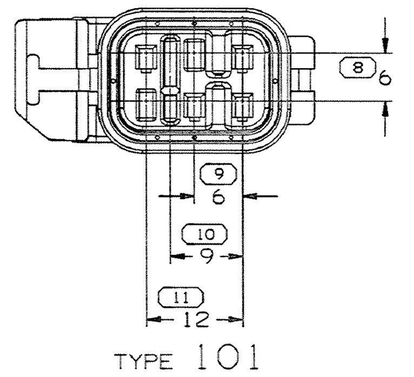




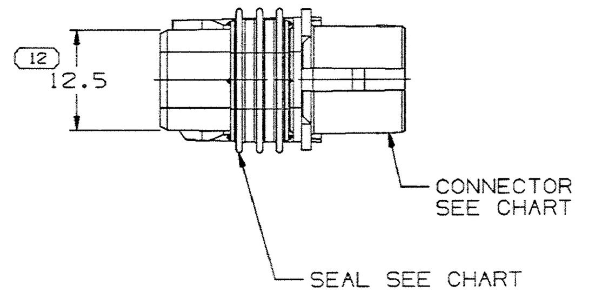
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN

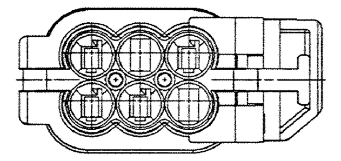


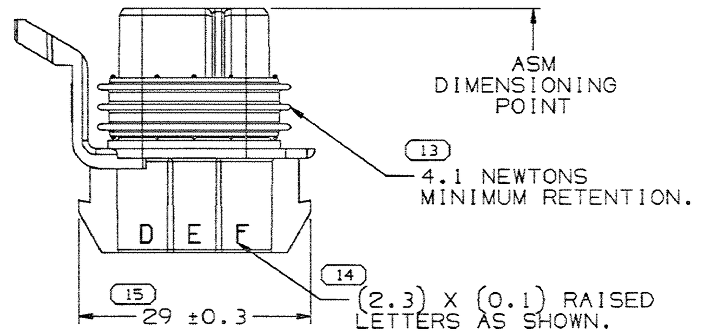
TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 101



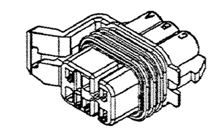




FRAME NUMBER	SHEET NUMBER	DRAWING NUMBER	DWG STATUS STG	REV	N/P
2 OF 2	1 OF 1	12092602	R	001	-

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:
   CAVITIES TO ACCEPT TERMINAL 12048074
   CABLE SEAL 12048086
   CONNECTOR POSITION ASSURANCE LOCK 12077979
   SECONDARY TERMINAL LOCK 12092600
5. THIS PART NOT DESIGNED FOR USE WITH RIPCORD OR RIBBED CABLE.



F2 CRM

PART NO	REV	N/P	STATUS	TYPE	NUMBER OF CAVITIES	BLOCKED CAVITIES	CONNECTOR PART NO	CONNECTOR COLOR	SEAL PART NO	SEAL COLOR	MATING CONNECTOR
12110151	A1	-		103	3	B,D & F	12110150	GRA LT	12092601	BLU	12092596
12092885	F1	-		102	5	B	12092884	NAT	12092601	BLU	12092596
12092883	F1	-		101	4	B & D	12092882	BLK	12092601	BLU	12092596

R 0.1 MAX
R 0.2 MAX
SHARP CORNER TOLERANCE

DIMENSIONAL RANGE (MM) FROM / TO	0 / 20	> 20 / 30	> 30 / 70	> 70 / 100	> 100 / 150	> 150 / 200	> 200 / 250	> 250 / 300	> 300 / 400
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2

CHART E1
ANGULAR TOLERANCE ± 2°

(15) PROCESS SENSITIVE DIMENSION

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

DELPHI Automotive Systems

MATERIAL SPEC: SEE CHRT

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI-A 10949001

PART DRAWING

DISTR CODE: D

CODE NUMBER	DWG DATE	SCALE
6900	03N089	2:1

QC SPEC	STYLE	VOLUME cm^3
		SEE CHRT

PART GEOMETRY: 3D SOLID

UG
CHANGE RESTRICTED
NO MANUAL CHANGES

UNLESS OTHERWISE SPECIFIED:

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M - 1994 AS AMENDED BY THE GM 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. SEPARATE POSITION CALLOUTS MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

COPY OF MATH DATA
DO NOT SCALE

METRIC
UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE			DATE
	DR		
	APVD1	D. STEELE	03N089
	APVD2	D. STEELE	07N089
	APVD3	S. YANG	10N089
	APVD4		
	APVD5		

THIRD ANGLE PROJECTION

DRAWING NAME: TAXI ASM CONN F M/P 150 SEALED

FRAME NUMBER	SHEET NUMBER	DRAWING NUMBER	DWG STATUS STG	REV	N/P	SIZE
1 OF 2	1 OF 1	12092602	R	001	-	

Mouser Electronics

Authorized Distributor

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Aptiv:
12092885