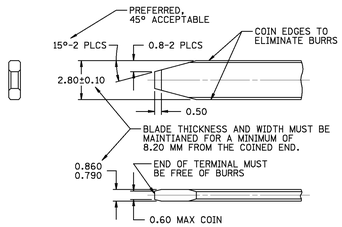
THIS DRAWING AND DESIGN HEREON CONSTITUTES A PROPRIETARY DESIGN OF PACKARD ELECTRIC DIVISION AND IS NOT TO BE REPRODUCED OR DISCLOSED WITHOUT AUTHORITY OF PACKARD ELECTRIC DIVISION.

DO NOT SCALE

PART NO. 1208 4170



MATERIAL SPECIFICATIONS

RECOMMENDED

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

PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

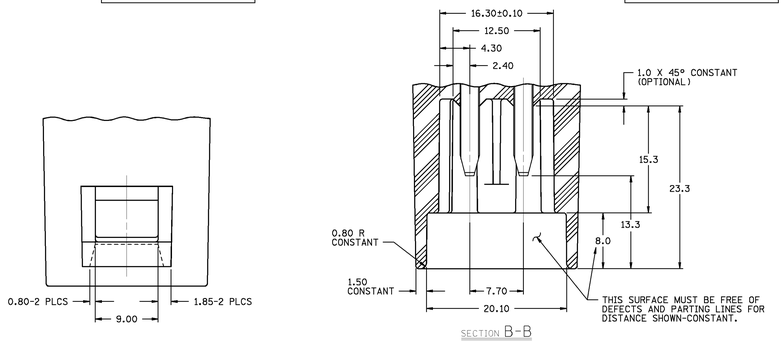
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS @ 20°C. USE OF A MATERIAL WITH CONDUCTIVITY < 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

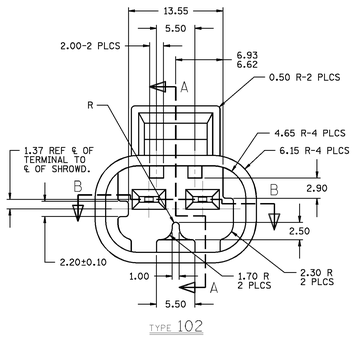
PLATING - FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050±0.0025 MM THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

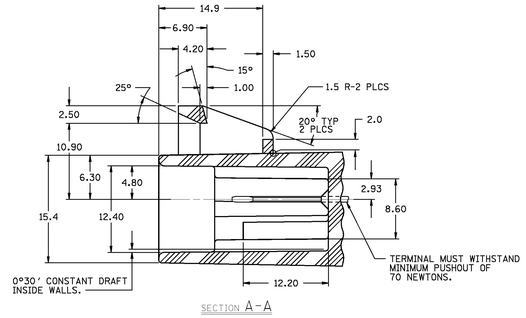
SCALE 4:1



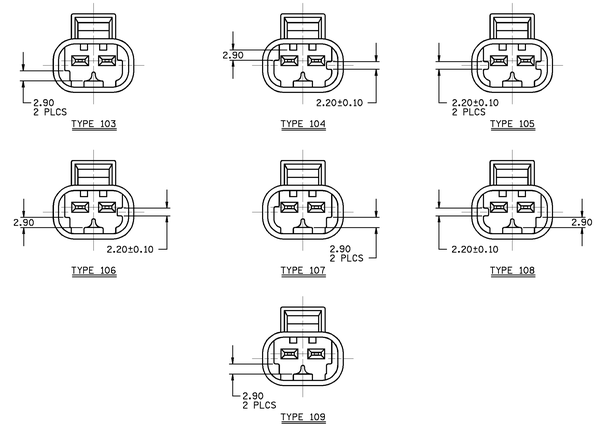
SECTION B-B



TYPE 102



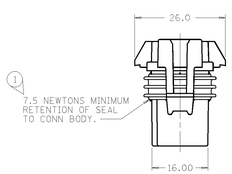
SECTION A-A

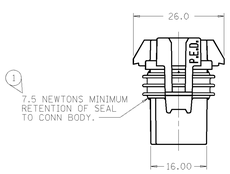


TYPES 103 THRU 109 ARE IDENTICAL TO TYPE 102, EXCEPT AS SHOWN

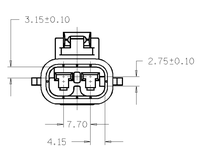
SCALE 2:1

ZONE	DATE	SYM	REVISION RECORD	AUTHORITY	DR	CK
	07AP88	—	12084174, 12077988, 12084301,			
			12084305, 12084309, 12084313,			
			12084317 & 12084321 WERE			
			PE012620, PE012623, PE012911,			
			PE012915, PE012919, PE012923,			
			PE012927 & PE012931 AND			
			RELEASED TO REVISION "A"	880005	SM	
	04AU88	—	ALL PARTS - RADIUS ADDED, SEAL			
			15300020 WAS 12084186; REVISED			
			NOTE 1, 12020648 WAS 12034654 &			
			SEAL CLASS CODE WAS 4;			
			REVISION LEVEL ADVANCED TO "B"	120857	PF	FH
	17JA89	—	ALL PARTS - 12077411 TERMINAL			
			WAS 12020648 IN NOTE #1 - NO			
			REVISION UPDATE REQUIRED	890009	SC	FH
	11LA89	—	ALL PARTS - 7.5 NEWTONS WAS 8.5			
			NEWTONS	128001	BDC	BDC
	10AU89	—	ALL PARTS - 13.3 WAS 10.5, 6.90			
			WAS 7.00; ADDED DIMS 14.9, 1.50			
			2.0 & NOTE 5; DELETED 11.50 TYP -			
			2 PLCS; REVISED MATING CONNECTOR			
			INFO NOTE - NO REV UPDATE REQ'D	129301	GF	GF
	28SE93	—	ALL PARTS - ADDED OPTIONAL			
			CONSTRUCTION VIEW - NO REVISION			
			UPDATE REQUIRED	157898	TEB	TEB

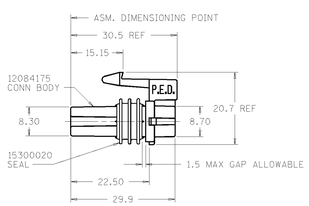


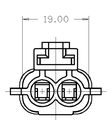


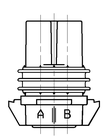
OPTIONAL CONSTRUCTION

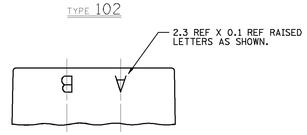


TYPE 102









MATING INSERT MOLDED / "PANEL" CONNECTOR INFORMATION

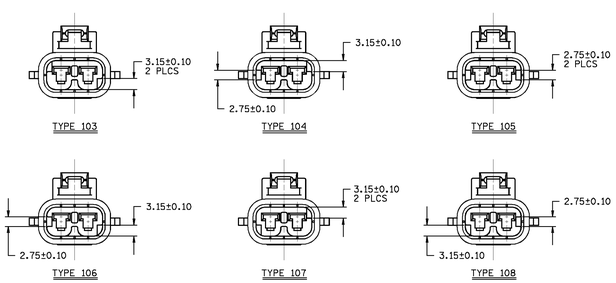
SCALE 4:1

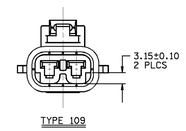
109	12084322	12084321
108	12084318	12084317
107	12084314	12084313
106	12084310	12084309
105	12084306	12084305
104	12084302	12084301
103	12084178	12077988
102	12084175	12084174
TYPE	MATING CONN.	MATING CONN. & SEAL ASM.

NOTES

1. ALL RADII 0.40, UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS ARE TO FACE OF VIEW SHOWN, UNLESS OTHERWISE INDICATED.
3. RECOMMENDED MATERIAL - GLASS FILLED POLYESTER OR NYLON 66.
4. 1° DRAFT ON EXTERIOR SURFACES, UNLESS OTHERWISE INDICATED.
5. USE TAXI 12084172 FOR INLINE CONNECTOR INFORMATION.

PART NO. 1208 4170





TYPES 103 THRU 109 ARE IDENTICAL TO TYPE 102, EXCEPT AS SHOWN

NOTES

1. CAVITIES TO ACCEPT 12077411 TERMINAL OR EQUIVALENT.
2. CAVITIES TO ACCEPT 12015323 CABLE SEAL OR EQUIVALENT.
3. 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.
4. THIS PART TO ACCEPT CPA LOCK 12052834 OR EQUIVALENT.
5. THIS PART TO ACCEPT TPA 12077904 OR EQUIVALENT.
6. (2) ENVIRONMENTAL SEAL CLASS CODE 3.
7. "◇" DENOTES DIMENSIONS AND CHARACTERISTICS THAT ARE IMPORTANT TO THE FUNCTION AND/OR PROCESSING OF THE PART. IT DOES NOT NECESSARILY INDICATE AN SPC DIMENSION. THIS DRAWING HAS 2 SNOWCONES.

PART NO.	REV.	STATUS	TYPE	CONNECTOR	MATING CONN.
12084321	B		109	12084322	12084323
12084317	B		108	12084318	12084319
12084313	B		107	12084314	12084315
12084309	B		106	12084310	12084311
12084305	B		105	12084306	12084307
12084301	B		104	12084302	12084303
12077988	B		103	12084178	12084180
12084174	B		102	12084175	12084176

PART NO. 1208 4170

PACKARD ELECTRIC DIVISION
GENERAL MOTORS CORPORATION
WARREN, OHIO

PED/INTERGRAPH REVISION

FILE SPEC: ##########
DOMAIN#SPECIFICATION#################
##########TITLE##########

THIRD ANGLE PROJECTION

METRIC
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.

CODE NO. 6900

TOLERANCE UNLESS OTHERWISE SPECIFIED
DECIMAL: ANGULAR ±.5°
ONE PLACE ±0.3
TWO PLACE ±0.15

G.C.-C-5110

DWG DATE 07AP88 SCALE 2:1

DR. STEVE MARZO 07AP88
CK. R. W. GLEASON DATE 10MY88
APPR. W. K. CHIN DATE 11MY88
APPR. R. A. PHILLIPS DATE 11MY88

EST. NO.
REFERENCE NO.

MATERIAL SPEC. SEE CHART

NAME ASM CONN 2F M/P 280

PART NO. 1208 4170 SIZE R

SHEET 1 OF 2

PACKARD ELECTRIC 07JAB051 163

Mouser Electronics

Authorized Distributor

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Aptiv:
12077988