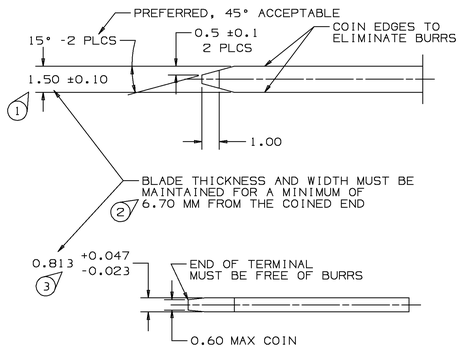
DO NOT SCALE



MATERIAL SPECIFICATIONS

RECOMMENDED

BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.0050±0.0025 MM THICK TIN

MINIMUMS

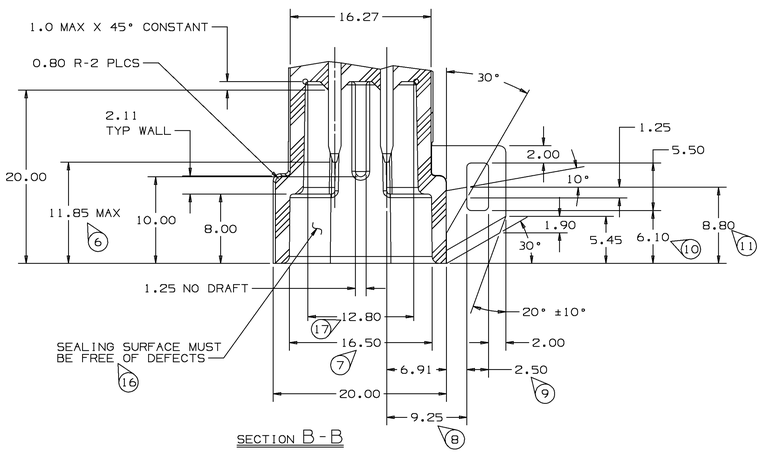
ELECTRICAL CONDUCTIVITY - ≥ 20% IACS @ 20°C. USE OF A MATERIAL WITH CONDUCTIVITY ≤ 20% IACS MUST BE APPROVED BY PACKARD ELECTRIC MATERIALS ENGINEERING.

TENSILE STRENGTH - 407 MPa

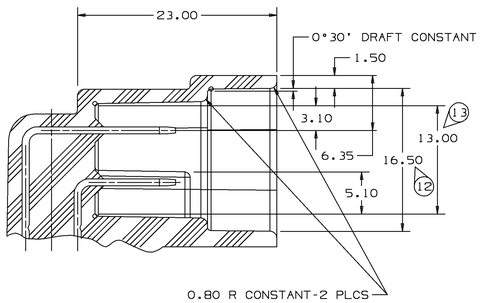
PLATING -FOR LOW ENERGY (≤ 5v) AND NON-PASSENGER COMPARTMENT POWER CIRCUITS, 0.0050±0.0025MM. THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COPPER 0.0050±0.0025 MM THICK IS REQUIRED.

MATING BLADE INFORMATION

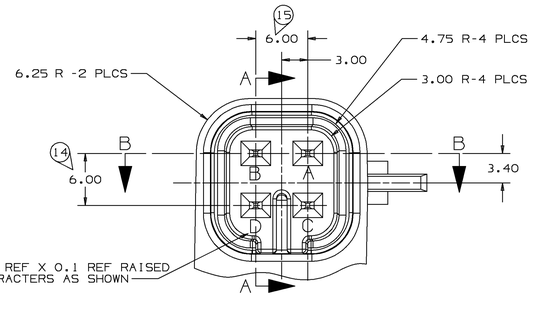
SCALE 8:1

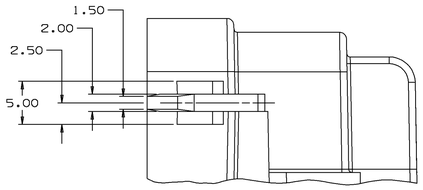


SECTION B-B

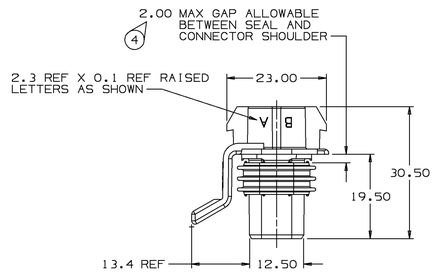


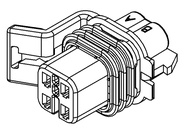
SECTION A-A

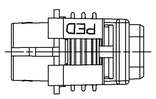


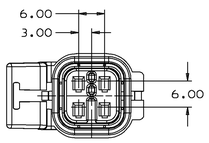


DATE	SYM	REVISION RECORD	AUTH	DR	CK
19AP94	—	12160482 WAS PE041375			
		AND RELEASED TO REV "A",			
		12160563 RELEASED TO			
		REV "A"	940005	KL	JDLB
18JL94	—	12160482 & 12160563 -			
		REVISED CONNS 12160479			
		AND 12160562;			
		ADVANCED TO REV "B"	161374	AUG	DLB
04MR95	—	12160482 & 12160563 -			
		ADDED QC-C-5110 -			
		NO REV UPDATE REQ'D	950004	FH	FH
07NO95	—	12191286 RELEASED TO			
		REV "A"	950005	RRS	RRS
08MY96	—	12191286 - UPDATED			
		12191285 CONN GRAPHICS -			
		NO REV UPDATE REQ'D	172640	RPO	RPO

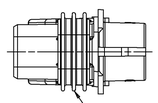




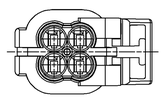


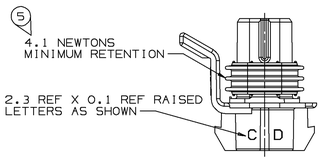


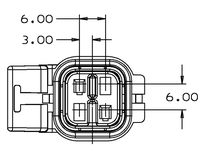
TYPE 102



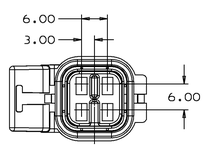
SEAL - SEE CHART







TYPE 101



TYPE 103

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 DIMENSION.)
ALL RADII 0.40
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.

MATING CONNECTOR INFORMATION

SCALE 4:1

PART NO	REV	STATUS	TYPE	NUMBER OF CAVITIES	BLOCKED CAVITIES	CONNECTOR PART NO	CONNECTOR COLOR	SEAL PART NO	SEAL COLOR	MATING CONNECTOR
12191286	A		103	NONE	A, B, C, D	12191285	GRA MD	12160481	BLU	12160470
12160563	B		101	2	B , C	12160562	NAT	12160481	BLU	12160470
12160482	B		102	4	NONE	12160479	BLK	12160481	BLU	12160470

PART NO
1216 0565

GENERAL NOTE

"◇" 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 17 SNOWCONES.

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 DIMENSION.)
ALL RADII 0.40
DRAFT IS 1° ON ALL OUTSIDE SURFACES
CAVITIES ARE IDENTICAL
LOCKING FEATURES ARE IDENTICAL

2. MATING COMPONENTS:
TERMINAL 12048074 OR EQUIVALENT
SECONDARY TERMINAL POSITION LOCK(TPA) 12160480 OR EQUIVALENT
CABLE SEAL 12048086 OR EQUIVALENT (SEE DRAWING 12010295 FOR CABLE SEAL COMPATIBLE O.D. RANGE)
CONNECTOR POSITION ASSURANCE LOCK (CPA) 12077979 OR EQUIVALENT

3. THIS PART IS CONTROLLED FOR AUTOMATIC FEEDING.

4. SEALING CODE 3
DESIGN WILL PASS SALT FOG AND IMMERSION TEST AFTER CONDITIONING AS SPECIFIED IN ESA-710 - WHEN MATED TO MATING PART OR EQUIVALENT

5. DIMENSIONS MARKED "REF" ARE FOR REFERENCE ONLY AND NO TOLERANCE LIMITS ARE ESTABLISHED.

PART NO
1216 0565

Unigraphics II
THIRD ANGLE PROJECTION

METRIC
DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

TOLERANCE UNLESS OTHERWISE SPECIFIED
DECIMAL± ANGULAR± 2°
ONE PLACE ±0.3
TWO PLACE ±0.15

CODE NO 6900	QC -C-5110
DES	
DWG DATE 19AP94	DR K.L. JONES 19AP94
SCALE 2:1	CK D BRANTINGHAM 20AP94
REFERENCE NO	APPR PAUL OLBRYCH 25MY94
	VOL CM³
MATERIAL SPEC	SEE DWG
NAME	ASM CONN F M/P 150 SEALED
PART NUMBER	1216 0565 PRODUCT INFORMATION DWG
SIZE	A0
SHEET	1 OF 1

/users/ade/cscroo01 TIME1 2100 DATE1 5- 8-96
USERID1 cscroo01 NAME1 12160565-01-tmp.prt

PACKARD ELECTRIC DIVISION
GENERAL MOTORS CORPORATION
WARREN, OHIO