

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

1 (2.3) X (0.1) RAISED LETTERS AS SHOWN.

2 MAX GAP ALLOWABLE BETWEEN SEAL AND CONNECTOR SHOULDER

3 30.5

4 17.5

5 3.25

6 13.2

7 18.5

A top-down diagram of a 12-pin DIL package. The package is rectangular with a central vertical column of pins. The pins are arranged in four rows: two rows of three pins on the left and right sides, and two rows of two pins at the top and bottom. The leads are shown as lines extending from the sides of the package, with the top and bottom leads being shorter than the side leads.

TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

12.5

CONNECTOR
SEE CHART

Technical drawing of a mechanical assembly, likely a cylinder or valve, showing internal components like a piston and rod. Callouts point to specific features:

- Callout 13: Points to the top of the piston rod assembly. Text: ASM DIMENSIONING POINT
- Callout 14: Points to the bottom of the piston rod assembly. Text: 4.1 NEWTONS MINIMUM RETENTI
- Callout 15: Points to the bottom of the piston rod assembly. Text: (2.3) x (0.1) RAISED

MATING CONNECTOR INFORMATION
SCALE 4:1

Technical drawing of a component with the following dimensions and features:

- Width: 12
- Width of the top section: 9
- Width of the bottom section: 6
- Height of the top section: 1.3 ± 0.1
- Width of the top section: 6
- Width of the bottom section: 6
- Radius of the top section: 4X R
- Radius of the bottom section: 4X R 3.5
- Width of the base section: 6
- Height of the base section: 5.25
- Feature A: Indicated by arrows pointing to the top and bottom sections.
- Feature B: Indicated by arrows pointing to the left and right sections.

A technical line drawing of a mechanical assembly. It features a central vertical shaft with a stepped bearing housing. A horizontal flange is attached to the shaft. On the left side, there are four dimension lines: the top one is labeled '2', the second one is labeled '5', the third one is labeled '2.5', and the bottom one is labeled '1.5'. The drawing uses a combination of solid and dashed lines to represent different parts and features of the assembly.

A schematic diagram of a three-phase motor's stator core. The core is represented by a series of concentric lines forming a rectangular frame. Inside this frame, there are six rectangular slots arranged in two vertical columns of three. The slots on the left column are labeled A, B, and C from top to bottom. The slots on the right column are labeled D, E, and F from top to bottom. A thick line extends from the top of slot A to the left, representing a lead-out for the stator windings.

SYMBOL DEFINITION		MISSING NUMBERS		DATE
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		28AU00
	LAST NO. USED	15		

Temporary Production Print
C/N 270713

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 ELECTRONICS

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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.

CRM												
F2		CRM										
PART NO		REV	N/P	STATUS	TYPE	NUMBER OF QUANTITIES	BLOCKED QUANTITIES	PART NO	COLOR	PART NO	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

		
MATERIAL SPEC SEE CHRT		
SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI-A 10949001		
PART DRAWING		
CODE NUMBER 6900	DWG DATE 03N089	
QC SPEC	SCALE 2:1	
STYLE	VOLUME cm ³ SEE CHRT	
PART GEOMETRY 3D SOLID	UNLESS OTHERWISE SPECIFIED:	
 CHANGE RESTRICTED NO MANUAL CHANGES	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	REFERENCE APVD1 D. STEELE APVD2 D. STEELE APVD3 S. YANG APVD4 APVD5	DR
METRIC UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN MILLIMETERS		03N089
15 PROCESS SENSITIVE DIMENSION		07N089
MENSIONS ENCLOSED IN () INDICATE FERENCE DIMENSIONS AND NO TOLERANCE MITS ARE ESTABLISHED		10N089
CHART E1		
250 > 300 FRAME NUMBER 400	THIRD ANGLE PROJECTION	DRAWING NAME TAXI ASM CONN F M/P 150 SEALED
1 OF 2	SHEET NUMBER 1 OF 1	DRAWING NUMBER 12092602
		DWG STATUS STG REV N/P R 001 -
		SIZE

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