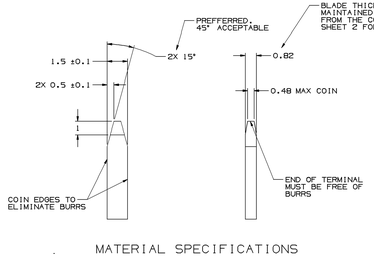


MATERIAL SPECIFICATIONS

RECOMENDED
BASE METAL - CDA-210, GILDING, EXTRA SPRING TEMPER
PLATING - 0.00050±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.

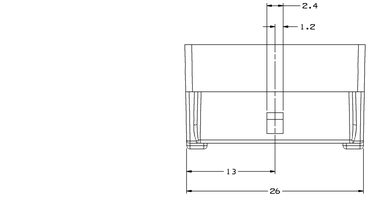
TENSILE STRENGTH - 407 MPa

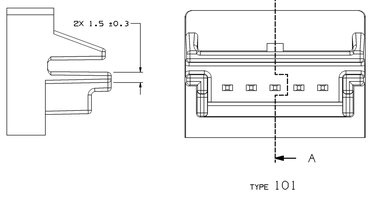
PLATING - FOR LOW ENERGY (≤ 5V) AND NON-PASSENGER COMPARMENT POWER CIRCUITS, 0.00050±0.0025 MM. THICK TIN. FOR MATERIALS CONTAINING 10% OR MORE ZINC, AN UNDERPLATE OF COOPER 0.00050±0.0025 MM THICK IS REQUIRED.

BLADE THICKNESS
UNPLATED = 0.813 ± 0.025
TIN PLATED = 0.823 ± 0.030

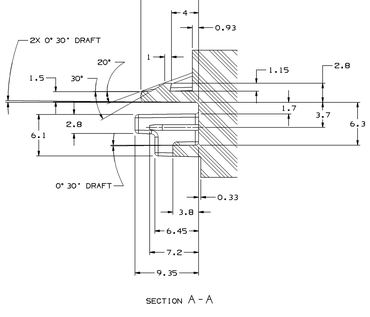
MATING BLADE INFORMATION

SCALE 10:1

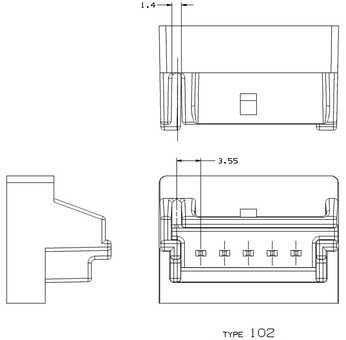




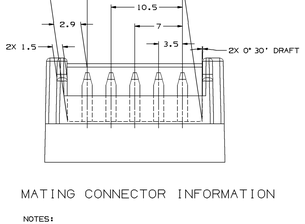
TYPE 101



SECTION A-A



TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



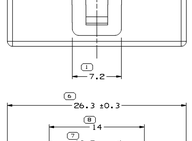
MATING CONNECTOR INFORMATION

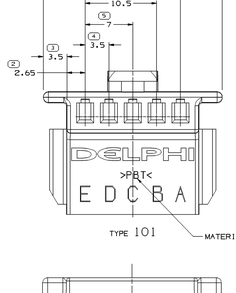
NOTES:

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 0.50
   DRAFT IS 1° ON ALL OUTSIDE SURFACES
2. RECOMMENDED BODY MATERIAL: POLYESTER OR EQUIVALENT THERMOPLASTIC

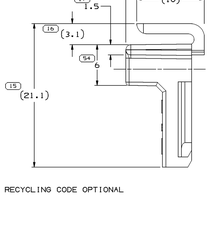
SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (□) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 21	9-14, 20-53, 61-62
	LAST NO. USED: 63	

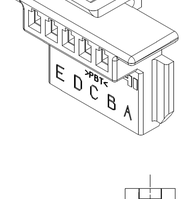
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
DATE	STS	REV	N/P	CHG						
26JN02	R	02	-	-		CLEARED REV COLI 12124997 - MAT'L SPEC WAS PWD0191 001 PRT BLKI. ADDED DELPHI LOGO & MAT'L RECYCLING CODE NOTES	227377	DYP	DYP	ET
02AU04	R	03	-	-		ADDED DIM 54 TO PART DRAWING	257584	JMB	JMB	BG
01FE05	R	04	-	-		13521091 - RELEASED	264019	JPB	JAA	SAN
29MR05	R	05	-	-		13521091 - 3.55 WAS 3.4 (2 PLCS), 1.2 WAS 1.5 & 1.4 WAS 1.7; SECONDARY TERMINAL LOCK 12124998 WAS 12065281	265214	MAC	MAC	SAN
24JA06	R	06	-	-		ALL PARTS - (10) WAS (9).REMOVED SYMBOLS FROM MATING INFORMATION	276256	MAK	MAK	DDN
17NO06	R	07	-	-		13607185 - RELEASED	287001	RH	RH	MDM
18JL07	R	08	-	-		ALL PARTS - ADDED APPEARANCE ITEM NOTE, APP DATA NOTE & RECYCLING CODE LABEL REMOVED ROHS COMP NOTE & ADDEDTED COMP NOTE. ADD REVISED RECYCLING CODE NOTE & MAT'L CALLOUT	401910	KBD	KBD	KBD

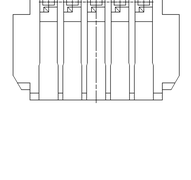


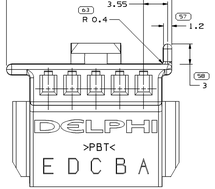


TYPE 101

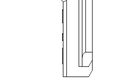








TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



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. MATERIAL RECYCLING CODE PER ISO 11469. (2,3)X(0.1) CHARACTERS AS SHOWN TO BE LOCATED ON ANY EXTERIOR SURFACE.
3. (2,3)X(0.1) DELPHI CORPORATE BRAND TO BE LOCATED ON ANY EXTERIOR SURFACE, PREFERABLY VISIBLE AT FINAL ASSEMBLY. OPTIONAL CONSTRUCTION FOR EXISTING TOOLING MAY BE "PED".
4. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING, BUT NOT LIMITED TO, FLOW MARKS, COLOR BLEMISHES, GATE VESTIGE, AND SOFT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER NAP 4.10-18.
5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.

PART NO	REV	N/P	STATUS	MATERIAL SPECIFICATION AND COLOR	VOLUME	TYPE
13607185	01	AA	-	POLYESTER COMPOUND BLUE	1.456	101
13521091	02	AB	-	POLYESTER COMPOUND GRAY	1.457	102
12124997	A5	-	-	POLYESTER COMPOUND BLACK	1.456	101

(1) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND HAVE NO TOLERANCE LIMITS AND ESTIMATED

| DIMENSIONAL RANGE (MM) | | | | | |