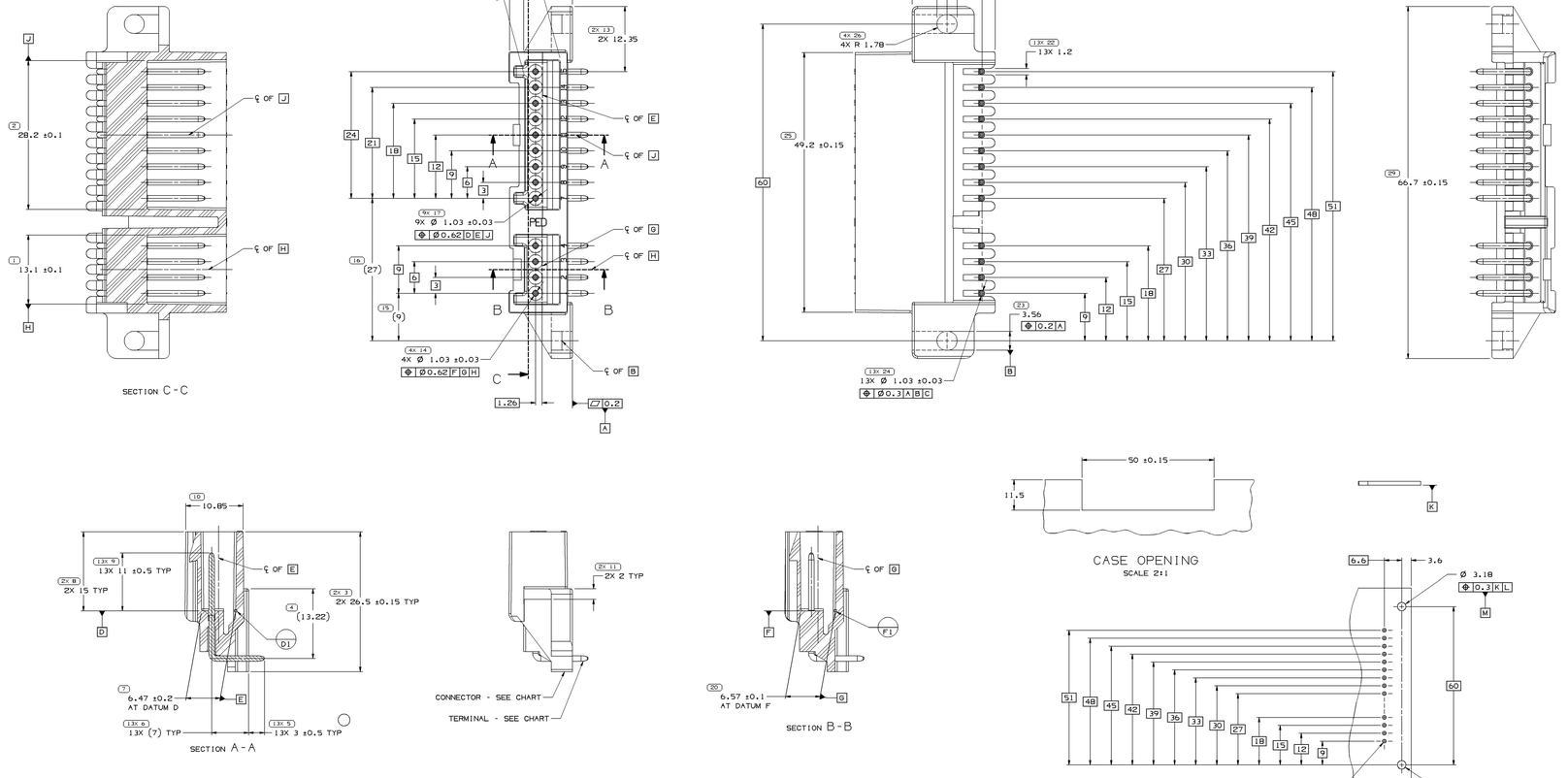
SYMBOL DEFINITION		MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (☐) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 111	NO MISSING SYMBOL NUMBER
	LAST NO. USED: 29	

DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD 2
DATE	STS	REV	N/P	CHG						
07JL11	R	D3	-		-	CLEARED REVISION COLUMN AND REDRAWN	414760	EVV	EVV	DGL
18AU11	R	D4	-	-	-	REVISED GRAPHICS	415090	HCG	HCG	DGL
06OC11	R	D5	-	-	-	PERFORMANCE SPECIFICATIONS NOTE - REMOVED, SOLDERABILITY REQUIREMENTS NOTE - UPDATED AND PSD WAS #21	415710	JAR	JAR	DGR
27OC11	R	D6	-	-	-	DIM 13X 3 ±0.5 TYP WAS 13X 3 TYP	415934	DGR	DGR	DGR



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. 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 DPNP-4.7-CS-01.

3. REFERENCE MATING COMPONENTS OR EQUIVALENT:

   CONNECTOR 12066189 & 12066130

4. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:

   CONNECTOR POSITION ASSURANCE LOCK 12064989
   FASTENER 1/8" RIVET RECOMMENDED.
   BOARD THICKNESS 1.5 RECOMMENDED.
   SOLDER - THRU HOLES RECOMMENDED.

5. (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".

6. SEE ES-O-1518 FOR SOLDERABILITY REQUIREMENTS.

7. PARTS SHOULD BE PLACED IN CLEAN PLASTIC TUBS OR PANS LINED WITH POLYETHYLENE BAGS DURING PROCESSING. BAGS MUST BE CLOSED DURING STORAGE. PARTS MUST BE PACKAGED FOR SHIPMENT USING PASSIVATED MATERIALS AND SECURED IN A MANNER WHICH INSURES TERMINAL PIN LOCATION AFTER PROCESSING.

PART NO	CONNECTOR	TERMINAL
12066307	12066306	12065444

DIMENSIONAL RANGE (MM)

FROM	0	3	6	30	120	400	1000	2000	4000
TO	3	6	30	120	400	1000	2000	4000	7000
TOLERANCE UNLESS OTHERWISE SPECIFIED									
±0.15	±0.2	±0.3	±0.5	±0.8	±1.2	±2	±3	±4	±5

ANGULAR TOLERANCE ±2°

(5) PROCESS SENSITIVE DIMENSION

DIMENSION ENCLOSED IN () INDICATE REFERENCE DIMENSION, USE AS TOLERANCE LIMITS ARE ESTABLISHED

REFERENCE

SCALE 8:1

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

DRW TYPE: PART DRAWING

STYLE

VOLUME CONT | SYSTEM CODE

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS INTERPRET BY THE IN GLOBAL DIMENSIONING AND TOLERANCING STANDARD. ALL DIMENSIONS AND TOLERANCES OF FEATURES MAY BE MADE SEPARATELY PRIOR-AFTER OF SYSTEM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

DR	STEVE BUNGO	14NOB0
APVD1	F. HESTON	4NOB0
APVD2	C. MARSRAVE	17NOB0
APVD3	R. SMITH	18NOB0
APVD4		

SUBSTRATES OF CONFORM AND RECYCLED CONTENT PER DELPHI (2PHR02)

MATERIAL: SEE DRAWING

DRAWING NAME: ASM CONN 13 M MIC/P 100 HEADER

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE WARREN, OH

DRAWING NUMBER								
12066307								
SIZE	SCALE	SHEET NO	TOTAL NO OF SHEETS	SHEET NO	TOTAL NO OF SHEETS	REV	N/P
A1x3	4:1	2 OF 2	1 OF 1	R	D6	-	

DRAWING NUMBER 12066307 SIZE A1x3 SCALE 4:1 SHEET NO 2 OF 2 TOTAL NO OF SHEETS 1 OF 1 REV R D6 N/P -

12066307