SYMBOL DEFINITION

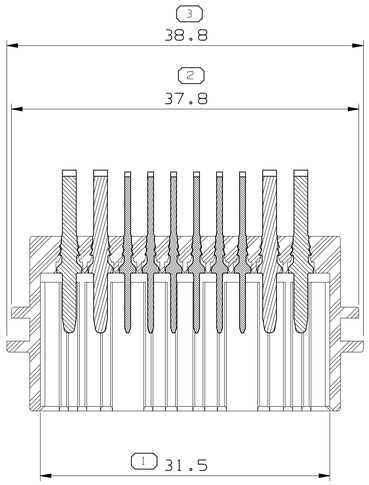
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL (3) DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

TOTAL NO OF INSPECTIONS REQUIRED	21
LAST NO. USED	21

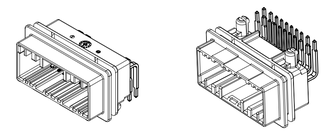
MISSING SYMBOLS

NO MISSING SYMBOL NUMBER

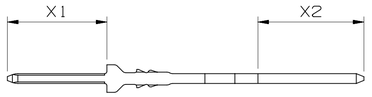
DWG STATUS DATE	STG	REV	N/P	CHG	ZONE	REVISION HISTORY	AUTH	DR	APVD 1	APVD 2
04DE15	R	01	-	-		INITIAL RELEASE	PD15-125	JSY	JJY	PJH
29SE16	R	01	A	6	B8	ADDED DIM	PD16-178	JSY	JJY	PJH
08NO16	R	01	AA	1	B8	ADDED TOLERANCE	PD16-211	JSY	JJY	PJH
26DE16	R	01	AA	4	B11	ADDED TOLERANCE	PD16-236	JSY	JJY	PJH
20SE17	R	2	-	2	A6	ADDED PART NUMBER	PD17-170	JSY	PSJ	PJH



SECTION A - A



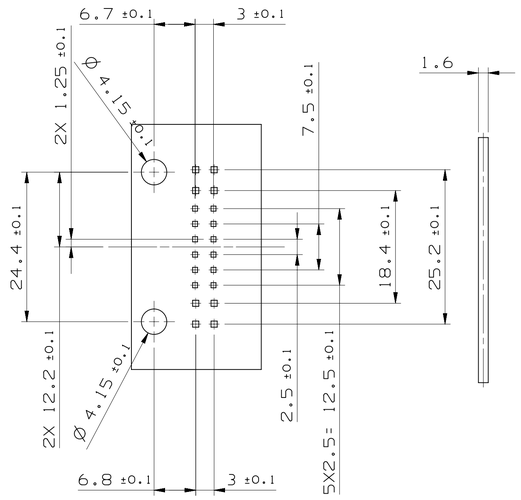
ISOMETRIC VIEW

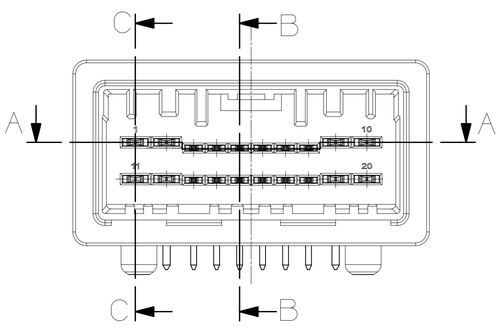


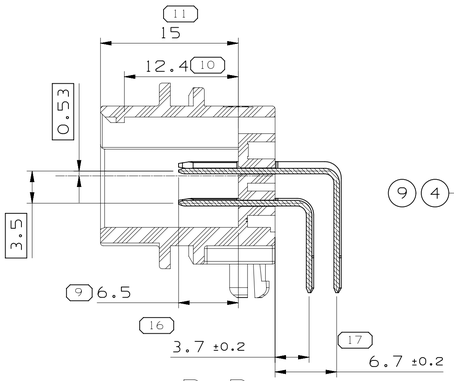
0.64 TERMINAL		X1	X2	UNDER PLATE	REMARK
1	33223913	-	-	Ni 1-3um	Sn 2-4um (All)
2	33223921	-	-	Ni 1-3um	Sn 2-4um (All)
3	33266542	Au Min.0.38um	Sn 2-4um	Ni 1-3um	-
4	33266543	Au Min.0.38um	Sn 2-4um	Ni 1-3um	-

0.64 PIN TERMINAL TYPE

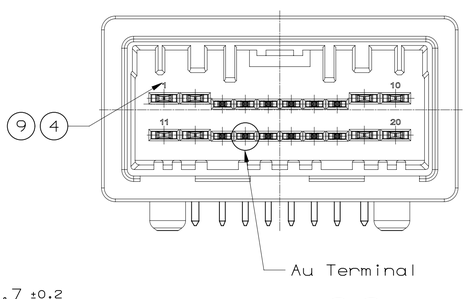
PRINT BOARD INSERT HOLE DIMENSION (REFERENCE)

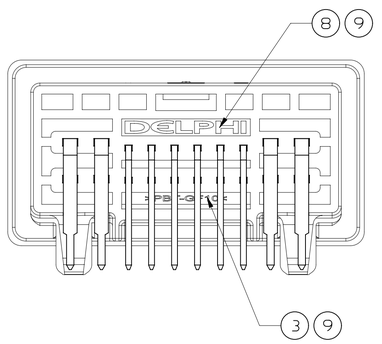


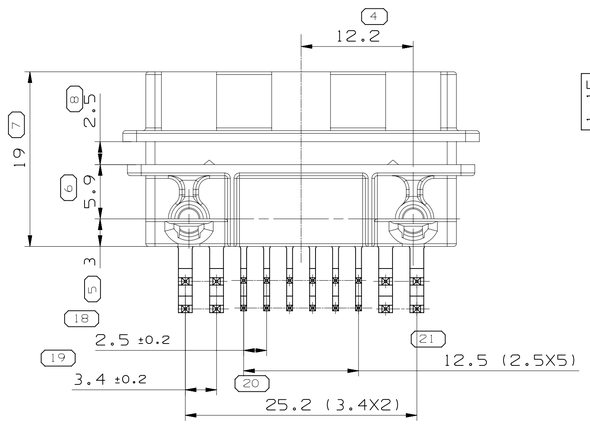


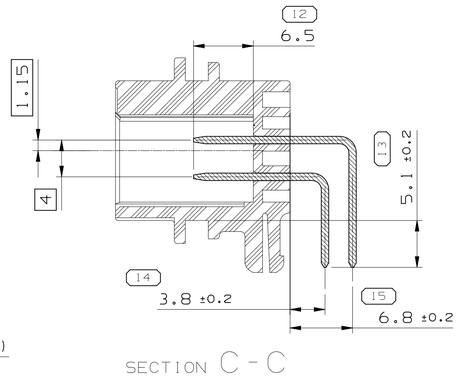


SECTION B - B

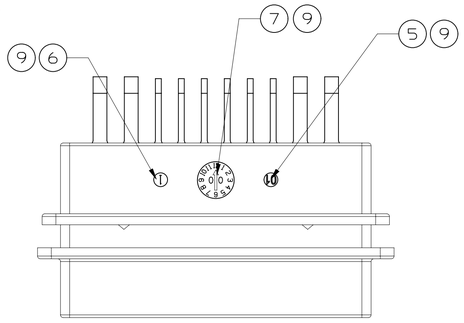








SECTION C - C



NOTES:
1. ALL UNSPECIFIED RADIUS TO BE R0.3
2. ALL UNSPECIFIED TOLERANCE MUST MEET DIN ISO 2768(m)
3. MATERIAL MARKING
4. TERMINAL CAVITY NUMBER
5. REVISION INDEX, EXCHANGEABLE ACC, TO CURRENT REVISION INDEX LETTER ONLY
6. MOLD CAVITY IDENTIFICATION
7. DATECLOCK, EXCHANGEABLE.
8. DELPHI LOGO
9. MARKING ARE 0.1MM HEIGHT ON SURFACE OF 0.15MM DEPTH.
10. HOUSING MATERIAL : PBT GF10
11. MALE PIN MATERIAL : C2600H
12. PLATING
    1) POST TIN PLATING
       Ni 1-3 um & Sn 2-4um
    2) Au PLATING- Ni 1-3um & Au 0.38um
12. Au TERMINAL POSITION : 14th.
13. "O" REVISION MARK

20WAY MALE HEADER ASSY (Sn)	20WAY MALE HEADER ASSY (Au) BLACK	20WAY MALE HEADER ASSY (Au) GRAY
33224114	33270024	35134503

DIN ISO 2768	Tolerance Class medium (m)						
Linear Dimensions except for broken edges	Permissible deviations for basic size range (mm)						
	0.5 •) up to 3	over 3 up to 6	over 6 up to 30	over 30 up to 120	over 120 up to 400	over 400 up to 1000	over 1000 up to 2000
	±0.1	±0.1	±0.2	±0.3	±0.5	±0.8	±1.2
Broken edges (radii, chamfers)	Permissible deviations for basic size range (mm)						
	0.5 •) up to 3	over 3 up to 6				over 6	
	±0.2	±0.5				±1	
	Permissible deviations for ranges of lengths, in mm, of the shorter side of the angle concerned						
Angular dimensions	up to 10	over 10 up to 50	over 50 up to 120		over 120 up to 400		over 400
	±1°	±0° 30'	±0° 20'		±0° 10'		±0° 5'

•) For nominal sizes below 0.5mm, the deviations shall be indicated adjacent to the relevant nominal size(s).

RE F	DESIGNATION	MATERIAL	COLOR	DELPHI P/N	PART REVISION	REMARK	QTY		
8	1.5 PIN (SHORT)	Sn PLATE	-	33224158	01	-	4	4	4
7	1.5 PIN (LONG)	Sn PLATE	-	33224156	01	-	4	4	4
6	0.64 PIN (SHORT) SELECTING TYPE	Au PLATE	-	33266543	01	-	-	1	1
5	0.64 PIN (LONG) SELECTING TYPE	Au PLATE	-	33266542	01	-	-	-	-
4	0.64 PIN (SHORT)	Sn PLATE	-	33223921	01	-	6	5	5
3	0.64 PIN (LONG)	Sn PLATE	-	33223913	01	-	6	6	6
2	MALE HOUSING	PBT-GF10	GRAY	35134510	01	-	-	-	1
1	MALE HOUSING	PBT-GF10	BLACK	33224117	01	-	1	1	-

PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED

DIMENSIONAL RANGE (MM) FROM	> 0	> 20	> 30	> 70	> 100	> 150	> 200	> 250	> 300
TO	20	30	70	100	150	200	250	300	400
CHART LET									
TOLERANCE UNLESS OTHERWISE SPECIFIED	±0.15	±0.2	±0.3	±0.4	±0.5	±0.6	±0.8	±1	±1.2
ANGULAR TOLERANCE ±2°									

A ——— LINE DRAWN THROUGH A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT DELPHI SALES TO ASSURE AVAILABILITY OF PARTS.

DWG TYPE: PART DRAWING

STYLE

VOLUME (CM³) | DISTR CODE

UNLESS OTHERWISE SPECIFIED

THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 AS AMENDED BY THE GM GLOBAL DIMENSIONING AND TOLERANCING ADDENDUM-2001. SEPARATE PATTERNS OF FEATURES MAY BE GAGED SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

CAD NX

DELPHI

DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE

Chennai, India

COPYRIGHT 2015 DELPHI CORPORATION AND/OR ITS AFFILIATES. ALL RIGHTS RESERVED.

THIS DRAWING IS THE PROPERTY OF DELPHI CORPORATION AND CONTAINS DELPHI CONFIDENTIAL INFORMATION. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT OR ITS RELATED CAD MATH DATA, AS WELL AS COMMUNICATION OF ANY CONTENT TO OTHERS, WITHOUT EXPRESS AUTHORIZATION, IS PROHIBITED.

		DATE
DR		
APVD1	JEONG,SO YEON	04DE15
APVD2	JUNG,JAE YUP	04DE15
APVD3	PARK,JOO HYUN	04DE15
APVD4		
APVD5		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER DELPHI 10949001

MATERIAL: SEE NOTE

DRAWING NAME: TAXI ASM 20WAY MALE PIN HEADER ASSY

DRAWING NUMBER: 33224113

SIZE	SCALE	FRAME NO	SHEET NO	STG	REV	N/P
A1	2:1	1 OF 1	1 OF 1	R	2	-