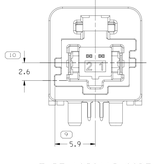
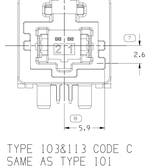
SYMBOL DEFINITION		
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED	67
	LAST NO. USED	42

MISSING SYMBOLS
NO MISSING SYMBOL NUMBER

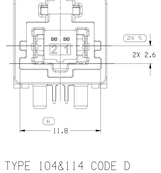
DWG STATUS					ZONE	REVISION HISTORY	AUTH	DR	APVD	APVD
DATE	SUB	REV	N/P	CHG						
22APIB	R	01	-	-		ALL PARTS - CREATED PART DRAWING		DYE	ARY	DYE
20FE19	R	02	-	-		UPDATE PDM ATTRIBUTES	442683	DYE	ARY	DYE



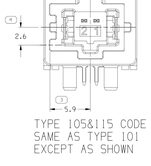
TYPE 102&112 CODE B
SAME AS TYPE 101
EXCEPT AS SHOWN



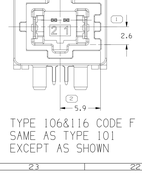
TYPE 103&113 CODE C
SAME AS TYPE 101
EXCEPT AS SHOWN



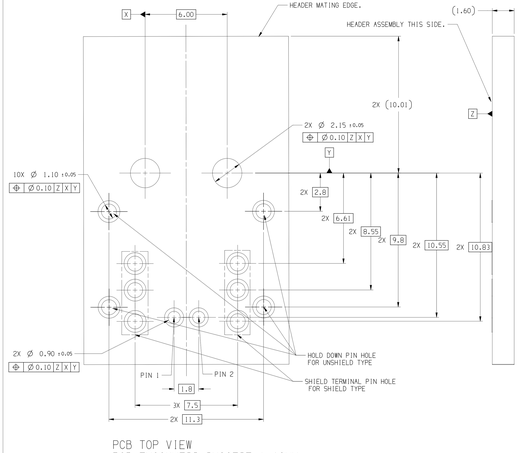
TYPE 104&114 CODE D
SAME AS TYPE 101
EXCEPT AS SHOWN



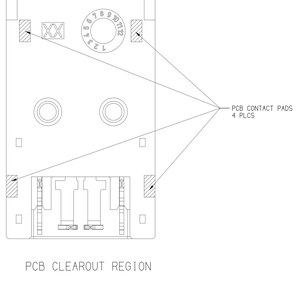
TYPE 105&115 CODE E
SAME AS TYPE 101
EXCEPT AS SHOWN



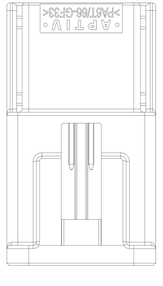
TYPE 106&116 CODE F
SAME AS TYPE 101
EXCEPT AS SHOWN

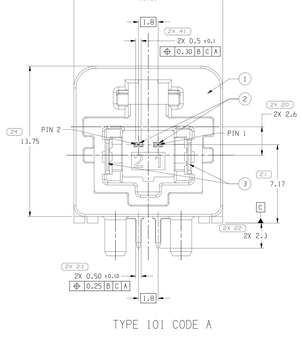


PCB TOP VIEW
PCB THICKNESS SUGGEST 1.60MM

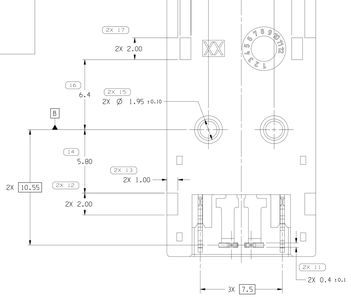


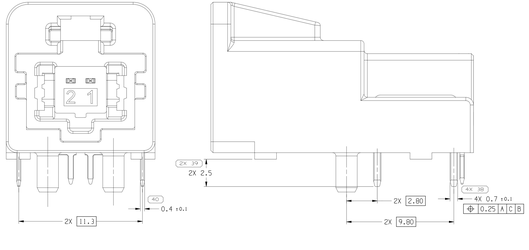
PCB CLEAROUT REGION

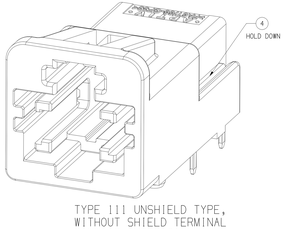




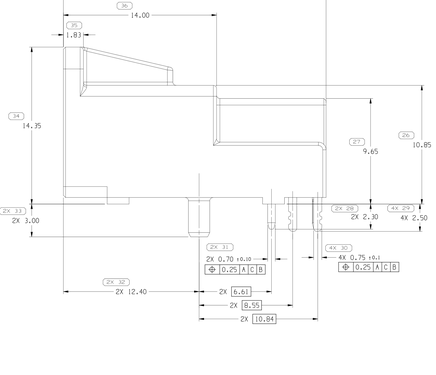
TYPE 101 CODE A

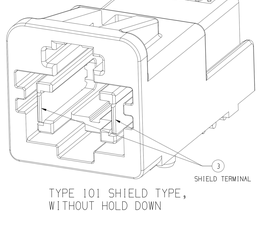






TYPE 111 UNSHIELD TYPE,
WITHOUT SHIELD TERMINAL
SAME AS TYPE 101
EXCEPT AS SHOWN





TYPE 101 SHIELD TYPE,
WITHOUT HOLD DOWN

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 DATAMATERIALS

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 EANP_4-3_CS_01_EN.

3. PLATING:
   - TERMINAL: OVER MATTE TIN AND NICKEL UNDER-PLATING;
   - SHIELD TERMINAL: OVER MATTE TIN AND NICKEL UNDER-PLATING
   - HOLD DOWN: OVER MATTE TIN AND NICKEL UNDER-PLATING

4. ELECTRICAL SPECIFICATION:
   - CONNECTOR IMPEDANCE: 100 Ω;
   - CONNECTOR SI SPECIFICATION: 100M FOLLOW OA TC2 AND 1GB FOLLOW OA TC9 SPECIFICATION.

5. MECHANICAL SPECIFICATION:
   - MATING CYCLES: 25 TIMES MIN.
   - RETENTION FORCE LATCH: 110N MIN.

6. PARTS SHOWN ON THIS DRAWING USED IN ASM SHOWN ON TAXI CHART. FOR SHIELD 1GB OR UNSHIELD 100M AMEC APPLICATION;

7. WORKING TEMPERATURE RANGE: -40° C TO +105° C

8. SOLDERING PROCESS: LEAD-FREE REFLOW SOLDERING PROCESS, MAX SOLDERING TEMPERATURE: +260° C FOR 10 SEC.

ITEM NO.	PART NAME	MATERIAL	REMARK
4	HOLD DOWN	SUS304,T=0.4MM	USED FOR UNSHIELD TYPE
3	SHIELD TERMINAL	SUS304,T=0.4MM	USED FOR SHIELD TYPE
2	TERMINAL	COPPER ALLOY,T=0.4MM	
1	HOUSING	PA6T/66	

PART NO	REV	N/P	TYPE NO	SHIELD OR UNSHIELD TYPE	CODE	COLOR	HOUSING USAGE	TERMINAL USAGE	SHIELD TERMINAL USAGE	HOLD DOWN USAGE
35191699	01	-	116	UNSHIELD	F	NUT BROWN	1	2	/	2
35191698	01	-	115	UNSHIELD	E	LEAF GREEN	1	2	/	2
35191697	01	-	114	UNSHIELD	D	CLARET VIOLET	1	2	/	2
35191696	01	-	113	UNSHIELD	C	SIGNAL BLUE	1	2	/	2
35191695	01	-	112	UNSHIELD	B	CREAM WHITE	1	2	/	2
35191690	01	-	111	UNSHIELD	A	JET BLACK	1	2	/	2
35191660	01	-	106	SHIELD	F	NUT BROWN	1	2	2	/
35191659	01	-	105	SHIELD	E	LEAF GREEN	1	2	2	/
35191658	01	-	104	SHIELD	D	CLARET VIOLET	1	2	2	/
35191656	01	-	103	SHIELD	C	SIGNAL BLUE	1	2	2	/
35191655	01	-	102	SHIELD	B	CREAM WHITE	1	2	2	/
35191654	01	-	101	SHIELD	A	JET BLACK	1	2	2	/

(N/A) PROCESS SENSITIVE DIMENSION

DIMENSIONS ENCLOSED IN ( ) INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE WILL BE ESTABLISHED.

DIMENSIONAL RANGE (MM)									
FROM	0	>30	>80	>120	>150	>200	>250	>300	>400
TO	>30	>80	>120	>150	>200	>250	>300	>400	>500
TOLERANCE (UNLESS OTHERWISE SPECIFIED)									
±0.25	±0.4	±0.5	±0.6	±0.8	±1.0	±1.2	±1.4	±1.6	±2.0

ANGULAR TOLERANCE ±2°

REFERENCE

THIRD ANGLE PROJECTION

DO NOT SCALE

USE MATH DATA

NX

DRAWING NUMBER: 35191802
SIZE A1x3 | SCALE B:1 | FRAME NO 2 OF 2 | SHEET NO 1 OF 1 | REV R | 02 | N/P -

THE DRAW FORMAT A PART NUMBER INDICATES THAT PHYSICAL PARTS ARE NOT AVAILABLE FOR ORDERING.

PART NUMBERS THAT DO NOT HAVE A (-) DIE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING.

CONTACT APTIV SALES TO ASSURE AVAILABILITY OF PARTS.

MAT TYPE

PART DRAWING

STYLE

VOLUME (CM³) | SYSTEM UNIT

UNLESS OTHERWISE SPECIFIED
THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.5M-1994 UNLESS OTHERWISE SPECIFIED. GENERAL FORM AND TOLERANCING MEANING ISO11. SEPARATE PATTERNS OF FEATURES MAY BE GROUP SEPARATELY REGARDLESS OF DATUM REFERENCES.

ALL DIMENSIONS ARE IN MILLIMETERS

DELPHI
DELPHI PACKARD ELECTRICAL/ELECTRONIC ARCHITECTURE
WARREN, OH
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		DATE
DR		
APVD	DANIEL YE	12MR18
APVD	GARY QUAN	12MR18
APVD	DANIEL YE	12MR18
APVD		

SUBSTANCES OF CONCERN AND RECYCLED CONTENT PER APTIV (DRAWING)

SEE CHART

DRAWING NAME

ASM CONN AMEC

DRAWING NUMBER: 35191802
SIZE A1x3 | SCALE B:1 | FRAME NO 1 OF 2 | SHEET NO 1 OF 1 | REV R | 02 | N/P -

35191802

Date: 14-Mar-19 Time: 14:13:03
Sheet: 1 Size: A1x3
Model: 35191802.DRW
Plot Date: 14-Mar-19