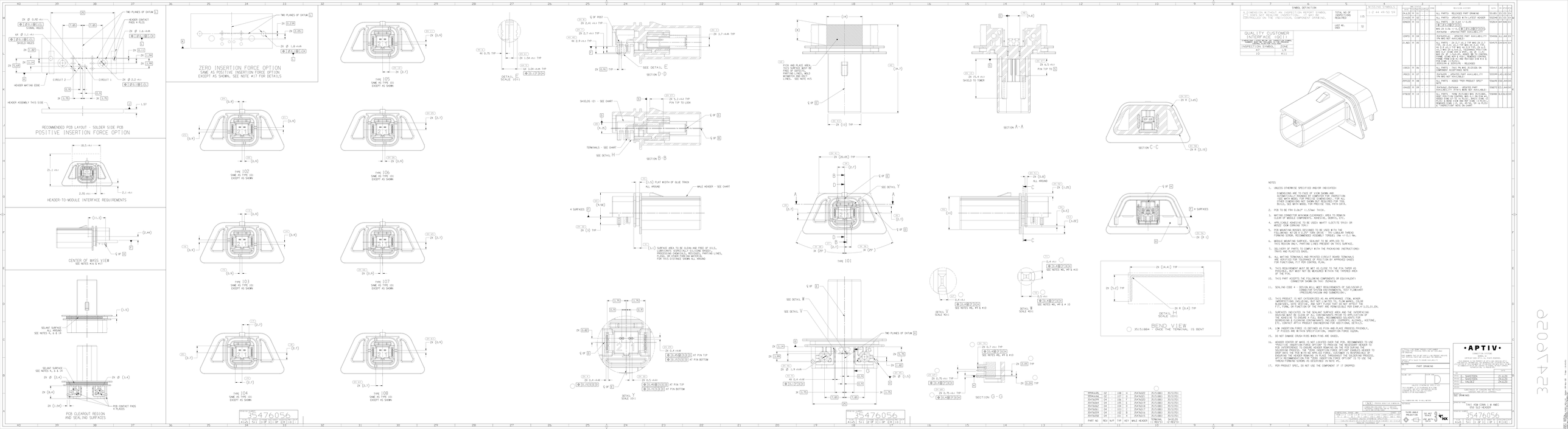

SYMBOL DEFINITION
X DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL CODE MAY BE INSPECTED. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.

TOTAL NO OF INSPECTIONS REQUIRED	125
LOT NO.	72

MISSING SYMBOLS
1-2-44-49-50-59

QUALITY CUSTOMER INTERFACE (QCI)
SUPPLIER SELECTION CODE: 3 (TYPICAL)
SUPPLIER SELECTION CODE DESCRIPTION: GENERAL PURPOSE
INSPECT ON SYMBOL: ZONE
10 : K13

REV	MFG CHANGE NUMBER	DATE	REVISION HISTORY	DRAWN	CHK	APPVD
A(ALB)	81	02	ALL PARTS: RELEASED PART DRAWING	TEI(B)	JS	CS
B(ALB)	82	02	ALL PARTS: UPDATED WITH LATEST HEADER DRAWING	YSZ(MA)	JS	CS
C(MAD)	91	03	ALL PARTS: ADDED PIN-PLATE PROCESS DIMENSIONS	YUD(KA)	MAP	MAP
			MFG DR & SPA V1.0			
			ZW(MAD) - UPDATED PART AVAILABILITY			
D(MAD)	91	04	ZW(MAD)A2 - UPDATED PART AVAILABILITY	YSA(MA)	JLL	AM
			MFG DR & SPA V1.1			
E(JAD)	91	05	ALL PARTS: ADDED TYPE 101 WITH NO SEALING PLUG, TYPE 102 WITH NO SEALING PLUG, TYPE 103 WITH NO SEALING PLUG, TYPE 104 WITH NO SEALING PLUG, TYPE 105 WITH NO SEALING PLUG, TYPE 106 WITH NO SEALING PLUG, TYPE 107 WITH NO SEALING PLUG, TYPE 108 WITH NO SEALING PLUG, REVISED SEALING PLUG DIMENSIONS, ADDED ZERO INSERTION FORCE OPTION & PCB CLEAROUT REGION, UPDATED MFG DR & SPA V1.2	GAY(TS)	DFR(KV)	EH
			ZW(JAD) - RELEASED			
F(KZD)	91	06	ALL PARTS: FIXED ON-HOLD DIMENSION ON COMPONENT ACCEPTANCE NOTE	YSD(KA)	JSL	AM(KM)
			ZW(KZD) - UPDATED PART AVAILABILITY			
G(KZD)	91	06	ZW(KZD)A1 - UPDATED PART AVAILABILITY	YSD(MA)	JSL	AM(KM)
ZW(ZZD)	91	08	ALL PARTS: ADDED TYPE PRODUCT SPECIFICATION	YSA(KM)	DSC	AM(KM)
			ZW(ZZD)A1 - UPDATED PART AVAILABILITY			
ZW(ZZD)	91	09	ZW(ZZD)A2 - UPDATED PART AVAILABILITY	YSA(TS)	EZ	AM(KM)
ZY(ZZD)	91	10	ALL PARTS: TOM (DELETED) MFG DR/SPA, ADDED TYPE 101 WITH NO SEALING PLUG, TYPE 102 WITH NO SEALING PLUG, TYPE 103 WITH NO SEALING PLUG, TYPE 104 WITH NO SEALING PLUG, TYPE 105 WITH NO SEALING PLUG, TYPE 106 WITH NO SEALING PLUG, TYPE 107 WITH NO SEALING PLUG, TYPE 108 WITH NO SEALING PLUG, REVISED TYPE 101 & 102, MFG DR & SPA V1.3, INSPECTION NOTE ON SHEET	YSA(MA)	DSC	DSC

NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:

   DIMENSIONS ARE ON PLANE OF VIEW SHOWN AND ARE TO BE MEASURED FROM THE PLANE OF SECTION (SEE WITH MODEL FOR PRECISE DIMENSIONS). FOR ALL PLANES, SEE WITH MODEL FOR PRECISE PLANE LOCATIONS. SEE WITH MODEL FOR PRECISE TOOL PATH DATA.

2. PCB TO BE FR4 0.062" (1.57mm) THICK.

3. MATING CONNECTOR WINDOWS CLEARANCE AREA TO REMAIN CLEAR OF MODULE COMPONENTS, ADHESIVE, DEBRIS, ETC.

4. APPLICABLE ADHESIVE TO BE USED: HENKEL LOCTITE 5910 OR EQUIVALENT, CURE PER MFG.

5. PCB MOUNTING SCREWS TO BE USED WITH THE PCB MOUNTING HOLES: STAINLESS STEEL, PHILLIPS, LOBULAR THREAD FORMING SCREW. RECOMMENDED ASSEMBLY TORQUE: 2Nm +/-0.1 Nm.

6. MODULE MOUNTING SURFACE, SEALANT TO BE APPLIED TO THIS REGION ONLY. PARTING LINES PRESENT ON THIS SURFACE.

7. DELIVERY OF PARTS TO COMPLY WITH THE PACKAGING INSTRUCTIONS TRAYS AND PLASTICS BAGS.

8. ALL MATING TERMINALS AND PRINTED CIRCUIT BOARD TERMINALS MUST BE FREE OF OIL, GREASE, SILICONE OR OTHER APPROVED BASES FOR FUNCTIONAL FIT PER CONTROL PLAN.

9. THIS REQUIREMENT MUST BE MET AS CLOSE TO THE PIN TAPER AS POSSIBLE, BUT MUST NOT BE MEASURED WITHIN THE TAPERED AREA OF THE PIN.

10. THIS PART ADOPTS THE FOLLOWING COMPONENTS OR EQUIVALENT CONNECTOR SHOWN ON TAXI 2929420:

11. SEALING CODE K : DESIGN WILL MEET REQUIREMENTS OF IP6K5/IP6K7-2 CONNECTOR SYSTEM ENVIRONMENTAL TEST FLOWCHART (HIGH-PRESSURE WASH AND SUBMERSION).

12. THIS PRODUCT IS NOT CATEGORIZED AS AN APPROVED ITEM, WHICH MEANS THAT THE PRODUCT IS NOT ON THE APTIV ITEM LIST. THIS PRODUCT POTENTIALLY HAS SPECIAL AND/OR PLAN THAT DO NOT AFFECT THE FORM, OR FUNCTION OF THE PART AND PERMISSIBLE PER EMPLOYA.SOLELIEN.

13. SUPPLIER MUST SEAL THE CONNECTOR MATING AREA AND SPA CONTACTS TO PREVENT WICKING OF THE ADHESIVE INTO THE CONNECTOR. APPLY THE ADHESIVE TO ENSURE A FULL BOND. RECOMMENDED SOLVENTS FOR CLEANING: ISOPROPYL ALCOHOL, DEIONIZED WATER, ACETONE, METHYL KETONE, ETC. CONTACT APTIV PRODUCT ENGINEERING FOR ADDITIONAL DETAILS.

14. LOW INSERTION-FORCE IS DEFINED AS PIN-AND-PLACE PROCESS-FRIENDLY, IF PIECES ARE WITHIN SPECIFICATION. INSERTION FORCE VARIES.

15. DO NOT DAMAGE CRUSH RIBS WHEN PINS ARE BAKED.

16. HEADER CENTER OF MASS IS NOT LOCATED OVER THE PIN. RECOMMENDED TO USE PCB SUPPORT PINS UNDERNEATH THE HEADER TO PREVENT THE HEADER FROM INTERFERENCE TO ENSURE HEADER REMAINS ON THE PCB DURING THE SOLDERING PROCESS. THE "ZERO INSERTION FORCE OPTION" ENABLES HEADER TO BE PLACED ON PCB WITHOUT PIN-TO-HOLE ALIGNMENT. THE HEADER IS LATER ENGAGING THE HEADER REMAINS IN PLACE THROUGH THE SOLDERING PROCESS. APTIV RECOMMENDATION FOR "ZERO INSERTION FORCE OPTION" IS TO USE THE ORIENTATION METHOD AS DEPICTED IN SHEET #2 OF 3.

17. PER PRODUCT SPEC, DO NOT USE THE COMPONENT IF IT DROPPED.

PART NO	REV	N/P	TYP	KEY	WALE HEADER	TERMINAL (1 REQ'D)	SHIELD (1 REQ'D)
PPPA4LRL	02		108	A	PA7A4G02	25/13B1	25/13G1
PPPA4LRL	03		101	A	PA7A4G03	25/13B1	25/13G1
PA7A4PK	04		102	A	PA7A4G04	25/13B1	25/13G1
PA7A3GK	04		105	A	PA7A3G04	25/13B1	25/13G1
PA7A3GK	04		106	A	PA7A3G04	25/13B1	25/13G1
PA7A3GK	04		103	A	PA7A3G04	25/13B1	25/13G1
PA7A3GK	04		107	A	PA7A3G04	25/13B1	25/13G1
PA7A3GK	04		104	A	PA7A3G04	25/13B1	25/13G1
PA7A3GK	04		108	A	PA7A3G04	25/13B1	25/13G1

CAGE CODE	PART NUMBER
35476056	2929420

PROJECTION TYPE: THIRD ANGLE PROJECTION	SCALE: 9	UNIT: MM	TOLERANCE: ±0.1
DRAWN BY: TAXI ASM CONN, 1 W HMDC 090 SLD HEADER			

DATE	NAME
DRAWN	2-24-09
CHECKED	2-24-09
ENGINEERING	2-24-09
QUALITY	2-24-09
MFG	2-24-09

APTIV
CONNECTION SYSTEMS
PITTSBURGH, PA 15235 USA
PHONE: 412-244-4000 FAX: 412-244-4000
CONNECTOR SYSTEMS DIVISION
PITTSBURGH, PA 15235 USA

TAXI ASM CONN, 1 W HMDC 090 SLD HEADER

35476056

THIS DRAWING CONTAINS PROPRIETARY INFORMATION. NOT TO BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION OF APTIV.

PART DRAWING

PRODUCT CODE: 2929420

PRODUCT CODE DESCRIPTION: TAXI ASM CONN, 1 W HMDC 090 SLD HEADER

DRAWING NO: 35476056

DRAWING TYPE: PART DRAWING

DRAWING TITLE: TAXI ASM CONN, 1 W HMDC 090 SLD HEADER

35476056

A(A) B(B) C(C) D(D) E(E) F(F) G(G) H(H)