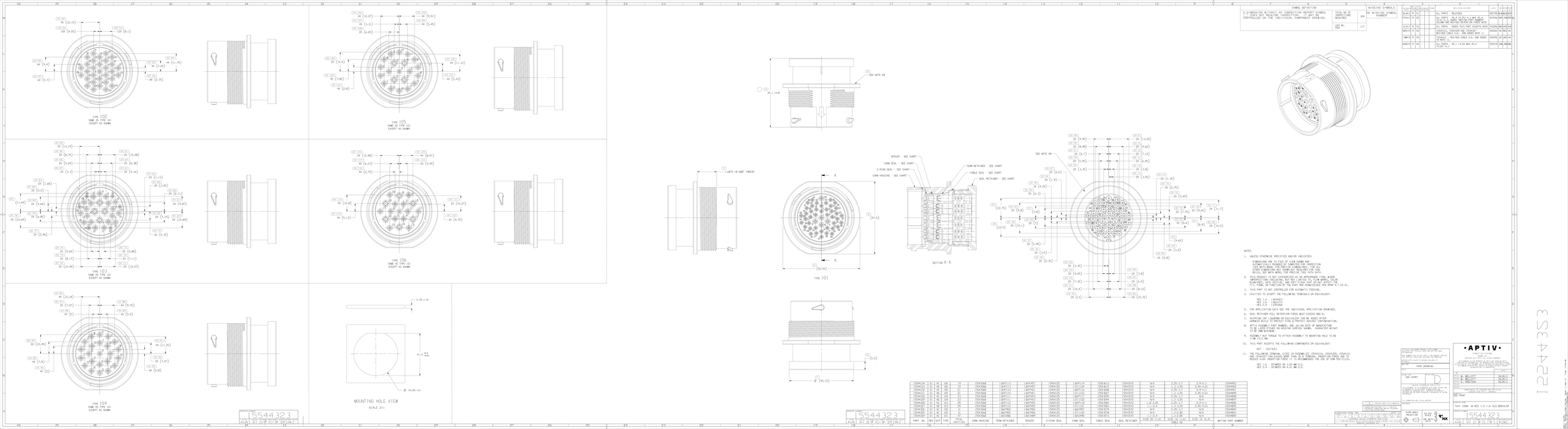
SYMBOL DEFINITION		NO MISSING SYMBOLS
A DIMENSION WITHOUT AN INSPECTION REPORT SYMBOL DOES NOT REQUIRE INSPECTION. IT MAY BE CONTROLLED ON THE INDIVIDUAL COMPONENT DRAWING.	TOTAL NO OF INSPECTIONS REQUIRED: 304	NO MISSING SYMBOLS NUMBER
	LOT NO. SIZE: 117	

REV	MFG	ECO	DATE	DRAWN	REVISION HISTORY	APP	DR
REL	A	01			ALL PARTS - RELEASED	KEEYPO	ALBUR
STAGE	B	02			ALL PARTS - #5.4 +0.25/-0.1 WAS #5.4 +0.25/-0.1 ADDED TERMINAL RETAINER COLOR AND REVISED MESH ON FIXED NOTE	PZZRA	DRK
ULAUT	B	03			ALL PARTS - ADDED THIS PART ACCEPTS NOTE	PZZRA	MBA
INPUTS	B	04			(304412) - ADDED AN ADDITIONAL CONNECTOR SEAL PART NUMBER	PZZRA	MBA
LIMITS	B	05			(304412) - REVISED CABLE O.D. AND ADDED IN NOTE 11	PZZRA	MBA
CHANGE	B	06			ALL PARTS - #5.1 ±0.25 WAS #5.4 +0.25/-0.1	TZZSJY	KMJ



NOTES

1. UNLESS OTHERWISE SPECIFIED AND/OR INDICATED:
   DIMENSIONS ARE TO FACE OF VIEW SHOWN AND MUST BE MET AND MADE CONSISTENT FOR INSPECTION. MATERIAL MUST BE MADE TO DIMENSIONS AFTER ALL STRESS TUMBLING AND STORE REQUIREMENTS FOR ALL PROCESSES HAVE BEEN COMPLETED. DO NOT ADJUST DATA.
2. THIS PRODUCT IS NOT CATEGORIZED AS AN APPEARANCE ITEM. MINOR IMPERFECTIONS INCLUDING BUT NOT LIMITED TO, FILM WRINKLE, COLOR BLEMISHES, GATE VESTIGE, AND SPOT FLASH THAT DO NOT AFFECT THE FIT, FORM, OR FUNCTION OF THE PART ARE PERMISSIBLE PER DPW-1-1-CS-01.
3. THIS PART IS NOT CONTROLLED FOR AUTOMATIC FEEDING.
4. CAVITIES TO ACCEPT THE FOLLOWING TERMINALS OR EQUIVALENT:
   HES 1.0 - 1305467;
   HES 2.4 - 1-1394462;
   HES 2.4 - 1-770246
5. FOR APPLICATION DATA SEE THE INDIVIDUAL APPLICATION DRAWINGS.
6. SEAL RETAINER PULL RETENTION FORCE MUST EXCEED 880 N.
7. SHIPPING CAP (MARPAR OR EQUIVALENT) CAN BE ADDED AFTER HARNESS BUILD TO PROTECT PINS & PROTECT AGAINST CONTAMINATION.
8. APTIV ASSEMBLY PART NUMBER, AND JULIAN DATE OF MANUFACTURE MUST BE LASER MARKED ON HOUSING SURFACE SHOWN. CHARACTER HEIGHT TO BE 3MM MINIMUM.
9. ASSEMBLY NUT TORQUE TO ATTACH ASSEMBLY TO MOUNTING HOLE TO BE 2 NM ±0.5 NM.
10. THIS PART ACCEPTS THE FOLLOWING COMPONENTS OR EQUIVALENT:
    NUT - (941767)
11. THE FOLLOWING TERMINAL SIZES IN ASSEMBLIES (1544412), (1544429), (1554412) AND (1554412) CAN EXCEED MORE THAN 20 N TERMINAL INSERTION FORCE AND TO REDUCE HIGH INSERTION FORCE IT IS RECOMMENDED THE USE OF DOW 550 PLUS.
    HES 1.0 - CRIMPED ON 1.25 MM O.D.;
    HES 2.4 - CRIMPED ON 4.00 MM O.D.

PART NO	REV	N/P	TYPE	NOTE CAVITIES	CONN HOUSING	TERM RETAINER	SPACER	O-RING SEAL	CONN SEAL	CABLE SEAL	SEAL RETAINER	CABLE OD				MATING PART NUMBER
1554412	01	A0	CRN	19	1554 Pin6	3-970411	3-970407	1545412-25	3-911174	1554-B412	1554-B25	N/A	2.25-3.3	2.0-4.1	1554-M412	
1554412	01	A0	CRN	19	1554 Pin6	3-970411	3-970407	1545412-25	3-911174	1554-B412	1554-B25	N/A	1.5-2.05	1.45-2.0	1554-M412	
1554412	01	A0	CRN	21	1554 Pin6	3-970411	3-970407	1545412-25	3-911172	1554-B412	1554-B25	N/A	2.05-3.3	2.0-4.1	1554-M412	
1554412	01	A0	CRN	21	1554 Pin6	3-970411	3-970407	1545412-25	3-911172	1554-B412	1554-B25	N/A	1.5-2.05	1.45-2.0	1554-M412	
1554412	01	A0	CRN	21	1554 Pin6	3-970411	3-970407	1545412-25	3-911172	1554-B412	1554-B25	N/A	1.5-2.05	N/A	1554-M412	
1554429	01	A0	CRN	19	1554 Pin6	3-970411	3-970407	1545429-25	3-911174	1554-B429	1554-B25	N/A	2.25-3.3	2.0-4.1	1554-M429	
1554429	01	A0	CRN	21	1554 Pin6	3-970411	3-970407	1545429-25	3-911172	1554-B429	1554-B25	N/A	2.05-3.3	2.0-4.1	1554-M429	
1554429	01	A0	CRN	21	1554 Pin6	3-970411	3-970407	1545429-25	3-911172	1554-B429	1554-B25	N/A	1.5-2.05	N/A	1554-M429	
1554412	01	A0	CRN	37	1554 Pin6	3-970411	3-970407	1545412-25	3-911178	1554-B412	1554-B25	1.5-2.05	2.05-3.3	N/A	1554-M412	
1554412	01	A0	CRN	37	1554 Pin6	3-970411	3-970407	1545412-25	3-911178	1554-B412	1554-B25	1.5-2.05	1.5-2.05	N/A	1554-M412	
1554429	01	A0	CRN	37	1554 Pin6	3-970411	3-970407	1545429-25	3-911178	1554-B429	1554-B25	1.5-2.05	2.05-3.3	N/A	1554-M429	
1554429	01	A0	CRN	37	1554 Pin6	3-970411	3-970407	1545429-25	3-911178	1554-B429	1554-B25	1.5-2.05	1.5-2.05	N/A	1554-M429	
1554412	01	A0	CRN	41	1554 Pin6	3-953986	3-953987	1545412-25	3-911178	1554-B412	1554-B25	1.5-2.05	1.5-2.05	N/A	1554-M412	
1554412	01	A0	CRN	41	1554 Pin6	3-953986	3-953987	1545412-25	3-911178	1554-B412	1554-B25	1.5-2.05	2.05-3.3	N/A	1554-M412	

CONTACT DIMENSIONS					
	MIN	MAX	MIN	MAX	
MATING PIN DIA	1.14	1.24	1.14	1.24	1.14
MATING SOCKET DIA	1.14	1.24	1.14	1.24	1.14
CONTACT DIA	1.14	1.24	1.14	1.24	1.14
CONTACT LENGTH	4.57	5.08	4.57	5.08	4.57

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