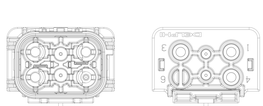
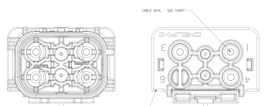
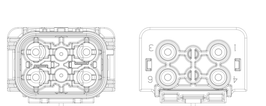


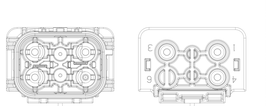
TYPE 102
SAME AS TYPE 101
EXCEPT AS SHOWN



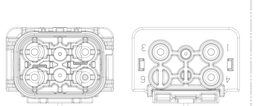
TYPE 105
SAME AS TYPE 101
EXCEPT AS SHOWN



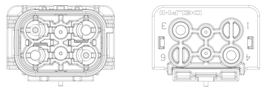
TYPE 108
SAME AS TYPE 101
EXCEPT AS SHOWN



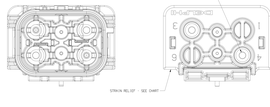
TYPE 109
SAME AS TYPE 101
EXCEPT AS SHOWN



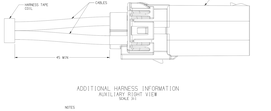
TYPE 112
SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 103
SAME AS TYPE 101
EXCEPT AS SHOWN

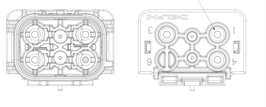


TYPE 106
SAME AS TYPE 101
EXCEPT AS SHOWN

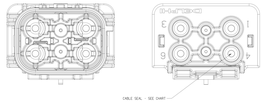


ADDITIONAL HARNESS INFORMATION
AUXILIARY RIGHT VIEW
SCALE 2:1

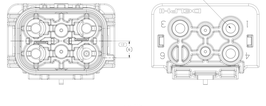
NOTES
1. THIS INFORMATION APPLIES TO EVERY CONNECTOR TYPE AND VALIDATED CABLE SPECS.



TYPE 110
SAME AS TYPE 101
EXCEPT AS SHOWN

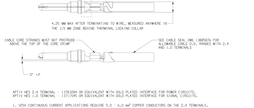


TYPE 104
SAME AS TYPE 101
EXCEPT AS SHOWN



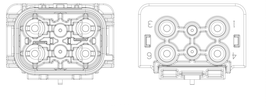
TYPE 107
SAME AS TYPE 101
EXCEPT AS SHOWN

2.4 & 1.0 TERMINAL & WIRE APPLICATION REQUIREMENTS



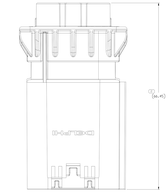
APTIV MCS 2.4 TERMINAL - (1928284 OR EQUIVALENT WITH GOLD PLATED INTERFACE FOR POWER CIRCUITS.
APTIV MCS 1.0 TERMINAL - (1928285 OR EQUIVALENT WITH GOLD PLATED INTERFACE FOR SIGNAL CIRCUITS.

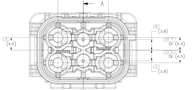
1. 30% CONTINUOUS CURRENT APPLICATIONS REQUIRE 5.0 - 6.0 MM² COPPER CONDUCTORS ON THE 2.4 TERMINALS.
2. 30% CONTINUOUS CURRENT APPLICATIONS REQUIRE 1.0 - 1.5 MM² COPPER CONDUCTORS ON THE 1.0 TERMINALS.
3. TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE APPLICATION TO ENSURE THE FOLLOWING:
   TERMINAL TEMPERATURE RISE OVER AMBIENT IS LESS THAN 30 DEGREES WITH MAXIMUM CURRENT.
   TERMINAL TEMPERATURE AMBIENT + RISE IS LESS THAN 105 DEGREES WITH MAXIMUM CURRENT AND MAXIMUM AMBIENT.
4. ELECTRICAL CONNECTIVITY APPLICATIONS REQUIRE WIRE TO TERMINAL INTERFACE RESISTANCE @0.2 mOhms.
   SOLDERED STRAPS ARE RECOMMENDED.



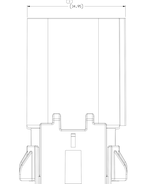
TYPE 111
SAME AS TYPE 101
EXCEPT AS SHOWN

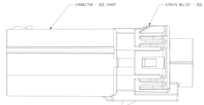
33130452
TYPE 101 REPRINT DETAIL

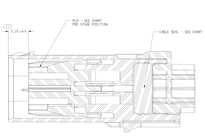




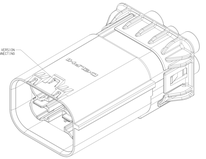
TYPE 101







SECTION A - A



SYMBOL DEFINITION		
R = CHANGED, W = CHANGED WITHOUT PRIOR NOTIFICATION, P = PROTOTYPE, N = NEW, D = DELETED, S = SAMPLE, A = ADDED, C = CHANGED, T = TRIVIAL, I = INCORPORATED, O = OBSOLETE, U = UNCHANGED	TOTAL NO. OF REVISIONS (INCLUDING THIS REVISION)	76
	LAST NO. USED	12

REVISION HISTORY									
CHANGE NO.	SYMBOL	DATE	REVISION HISTORY	ECN #	DR	CH	AP
108616	R	03	ALL PARTS - RELEASED	107476	MW	MW	MW
108616	R	03	ALL PARTS - ADDED CONTACT INTERFACE DIMENSIONS FOR REFERENCE	107476	MW	MW	MW
108616	R	03	ALL PARTS - REVISED TEMPERATURE CLASS TO 105C, ADDED TEMPERATURE CLASSIFICATION, ADDED TERMINATION TEMPERATURE, ADDED MATERIALS AND MATERIAL NOTE, REMOVED OLD NOTE	107476	DG	DG	DG
107511	R	04	ALL PARTS - REVISED TO ADD CONTACT AND SEALED CAVITIES BOTH SIDE TO CONNECTOR	107511	DRW	DRW	DRW
108718	R	05	33130451 - UPDATED PART AVAILABILITY	108718	JHR	JHR	JHR
108718	R	06	ALL PARTS - ADDED THERMOCS INFORMATION	108718	JHR	JHR	JHR
108718	R	07	33130451 - RELEASED	108718	JHR	JHR	JHR
108718	R	08	33130451 - RELEASED	108718	JHR	JHR	JHR
110478	R	09	33130451 - UPDATED PART AVAILABILITY	110478	JHR	JHR	JHR
110478	R	10	33130451 - ADDED CONNECTOR TO CONTACT DISTANCE, ADDED CONNECTOR TO CONTACT DISTANCE, ADDED CONNECTOR CRIMP VIEW COLUMN	110478	JHR	JHR	JHR
110478	R	11	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	12	33130451 - UPDATED PART AVAILABILITY	110478	JHR	JHR	JHR
110478	R	13	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	14	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	15	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	16	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	17	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	18	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	19	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	20	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	21	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	22	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	23	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	24	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	25	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	26	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	27	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	28	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	29	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	30	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	31	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	32	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	33	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	34	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	35	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	36	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	37	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	38	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	39	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	40	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	41	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	42	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	43	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	44	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	45	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	46	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	47	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	48	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	49	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	50	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	51	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	52	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	53	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	54	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	55	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	56	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	57	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	58	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	59	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	60	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	61	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	62	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	63	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	64	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	65	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	66	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	67	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	68	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	69	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	70	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	71	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	72	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	73	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	74	33130451 - UPDATED PART AVAILABILITY - NEW MCS AVAILABLE	110478	JHR	JHR	JHR
110478	R	75	33130451 - RELEASED	110478	JHR	JHR	JHR
110478	R	76	33130451 - RELEASED	110478	JHR	JHR	JHR

FACEPLATE	01	A4	112	1126.997	08127A2	FAEPD04	08W0876	5 & 6	FAEPD07		
FAEPD04	01	A4	112	1126.997	08127A2	08W0876	08W0876	NONE	FAEPD04		
FAEPD07	01	A4	112	1126.997	08127A2	08W0876	08W0876	5 & 6	FAEPD07		
2.4 TERM	01	A4	108	1126.997	08127A2	08W0876	08W0876	1 & 2	2928284, 2928285		
2.4 TERM	01	A4	108	1126.997	08127A2	08W0876	08W0876	3 & 4	2928284, 2928285		
1.0 TERM	01	A4	108	1126.997	08127A2	08W0876	08W0876	1 & 2	2928284, 2928285		
1.0 TERM	01	A4	108	1126.997	08127A2	08W0876	08W0876	3 & 4	2928284, 2928285		
1.0 SEAL	01	A4	108	1126.997	08127A2	08W0876	08W0876	1 & 2	1437001, 1437004		
1.0 SEAL	01	A4	108	1126.997	08127A2	08W0876	08W0876	3 & 4	1437001, 1437004