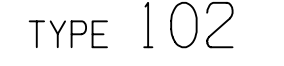
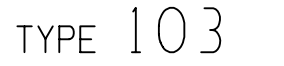


TYPE 101



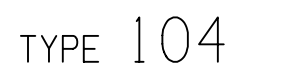
TYPE 102

SAME AS TYPE 101
EXCEPT AS SHOWN



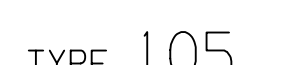
TYPE 103

SAME AS TYPE 101
EXCEPT AS SHOWN



TYPE 104

SAME AS TYPE 101
EXCEPT AS SHOWN

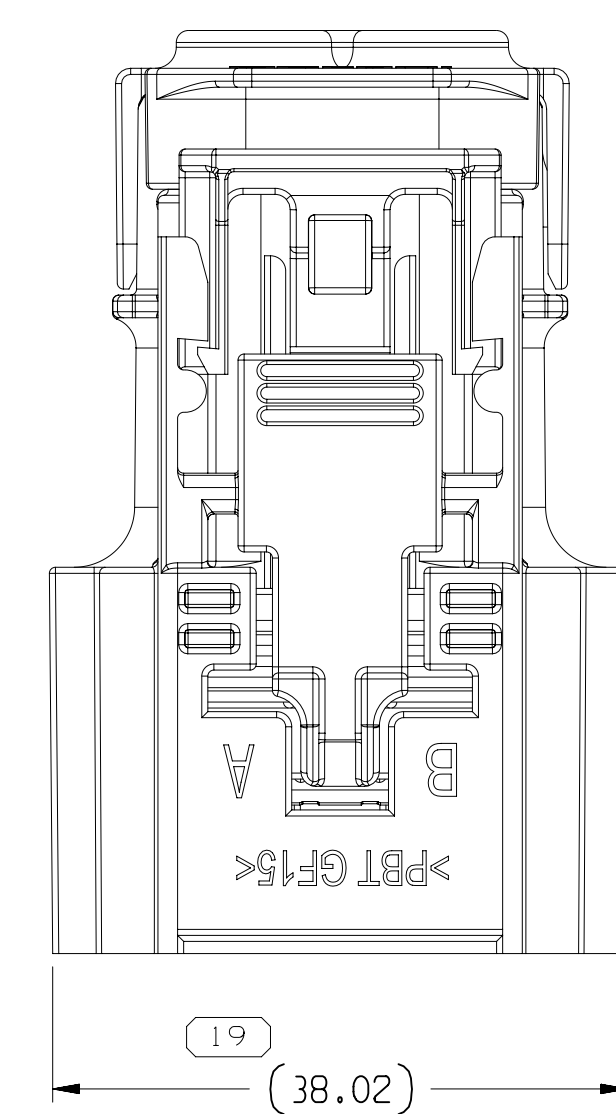
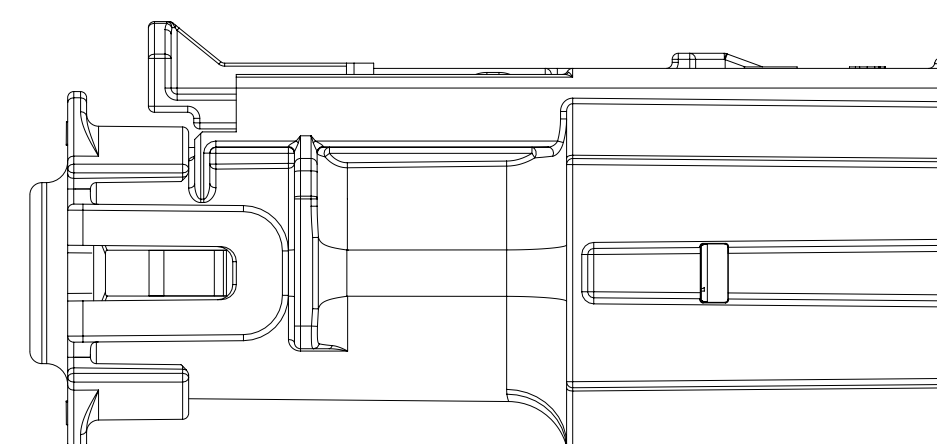


TYPE 105

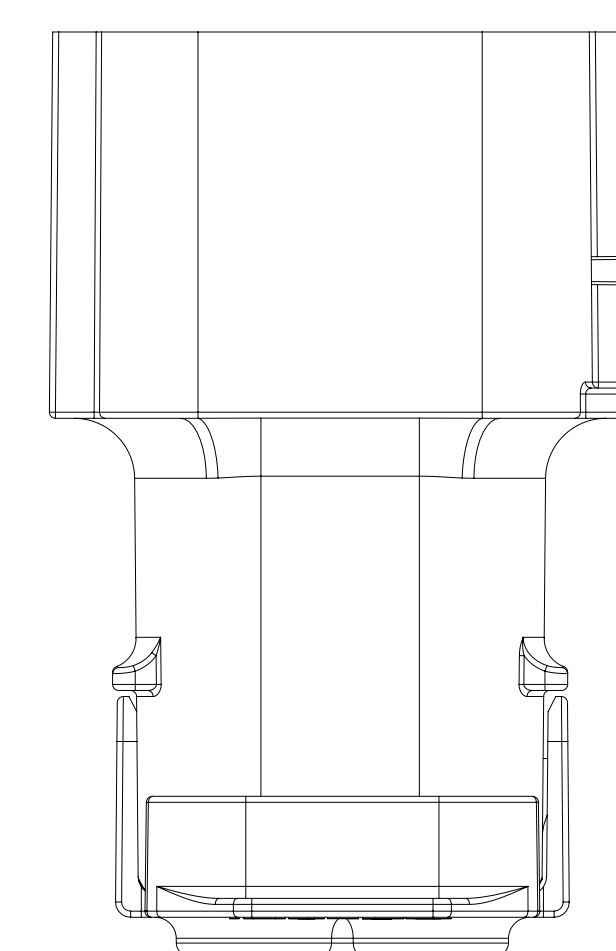
SAME AS TYPE 101
EXCEPT AS SHOWN



ASM KIT NO	REV	N/P	CABLE SIZE APPLICATION SPECIFIC	ASM PART NO	INDEX	PART NO	QTY	PART NO	QTY	PART NO	QTY	PART NO	QTY	PART NO	QTY
						5 CTS 2.8 ITRM		STRAIN RELIEF		CABLE SEAL		INNER FERRULE		OUTER FERRULE	



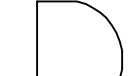
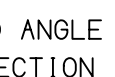
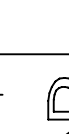
TYPE 101



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 DATA.
2. HIGH VOLTAGE 480V TERMINAL-CONNECTOR EXTRACTION FORCE (PRIMARY LOCK) IS ≥ 80 N.
3. HIGH VOLTAGE 480V TERMINAL-CONNECTOR EXTRACTION FORCE (PRIMARY & SECONDARY LOCK) IS ≥ 110 N
4. CONNECTION MEETS THE PERFORMANCE REQUIREMENTS OF SAE/J559-2 25 NOVEMBER 2007,
SAE/J559-3 27 AUGUST 2008, AND GWM-3191 DECEMBER 2007 FOR THE FOLLOWING CLASSIFICATIONS:
-TEMPERATURE CLASS 3 (-40° C TO +125° C)
-VIBRATION CLASS 1 (ON BODY OR CHASSIS)
-SEALING CLASS 3 (SEALED PLUS HIGH PRESSURE SPRAY)
-MATING CLASS 1
-MATING CLASS M2 (50 CYCLES)
5. CONNECTION MEETS DIELECTRIC WITHSTAND VOLTAGE RATING OF 600 VOLTS USING THE SAE/J559-3
27 AUGUST 2008 PARAGRAPH 5.5.2 TEST METHOD.
6. SEALING VERIFICATION AND MARKING REQUIRED PER ESA-755.
7. ELECTRIC VEHICLE CHARGING AND OTHER HIGH DUTY CYCLE APPLICATIONS CARRYING
25X5 REQUIRE THE FOLLOWING:
-MIN 5.0 OHM COPPER CONDUCTORS
-TERMINAL TO CONDUCTOR INTERFACE RESISTANCES ≤ 0.2 mOHMS (mΩ), SOLDERED
CRIMPS ARE RECOMMENDED.
-TERMINAL TEMPERATURES NEED TO BE MEASURED IN THE VEHICLE APPLICATION
TO INSURE T-RISE OVER AMBIENT IS < 35 DEG C AT MAXIMUM CONTINUOUS CURRENT.
8. APITV DOES NOT SAE XHS KITS

		N/A		PROCESS SENSITIVE DIMENSIONS						
		DIMENSIONS ENCLOSED IN { } INDICATE REFERENCE DIMENSIONS AND NO TOLERANCE LIMITS ARE ESTABLISHED								
DIMENSIONAL RANGE (MM)		CHART								
FROM	TO	>0 20	>20 30	>30 70	>70 100	>100 150	>150 200	>200 250	>250 300	>300 400
		TOLERANCE UNLESS OTHERWISE SPECIFIED								
		+0.15	+0.2	+0.3	+0.4	+0.5	+0.6	+0.8	+1	+1.1

LINE DESIGN THROUGH PART NUMBER INDICATES THAT PHYSICAL PARTS NOT AVAILABLE FOR ORDERING. PART NUMBER THAT DO NOT HAVE A LINE PRESENT INDICATE THAT PHYSICAL PARTS ARE AVAILABLE FOR ORDERING. CONTACT AFTER SALES TO ASSURE AVAILABILITY OF PARTS.	
PART TYPE PART DRAWING	
STYLE	
VOLUME (LUMP)	DISTR CODE
	
UNLESS OTHERWISE SPECIFIED THIS DOCUMENT IS IN ACCORDANCE WITH ASME Y14.2-2019, SEE AFTER ENGINEERING DESIGN DEPARTMENT FOR Y14.2-2019, 2014, 2014 REPRODUCTION REQUIREMENTS.	
ALL DIMENSIONS ARE IN MILLIMETERS	
OTHER COMMENTS	
THIRD ANGLE PROJECTION 	DO NOT SCALE USE MATH  NX

[illegible]