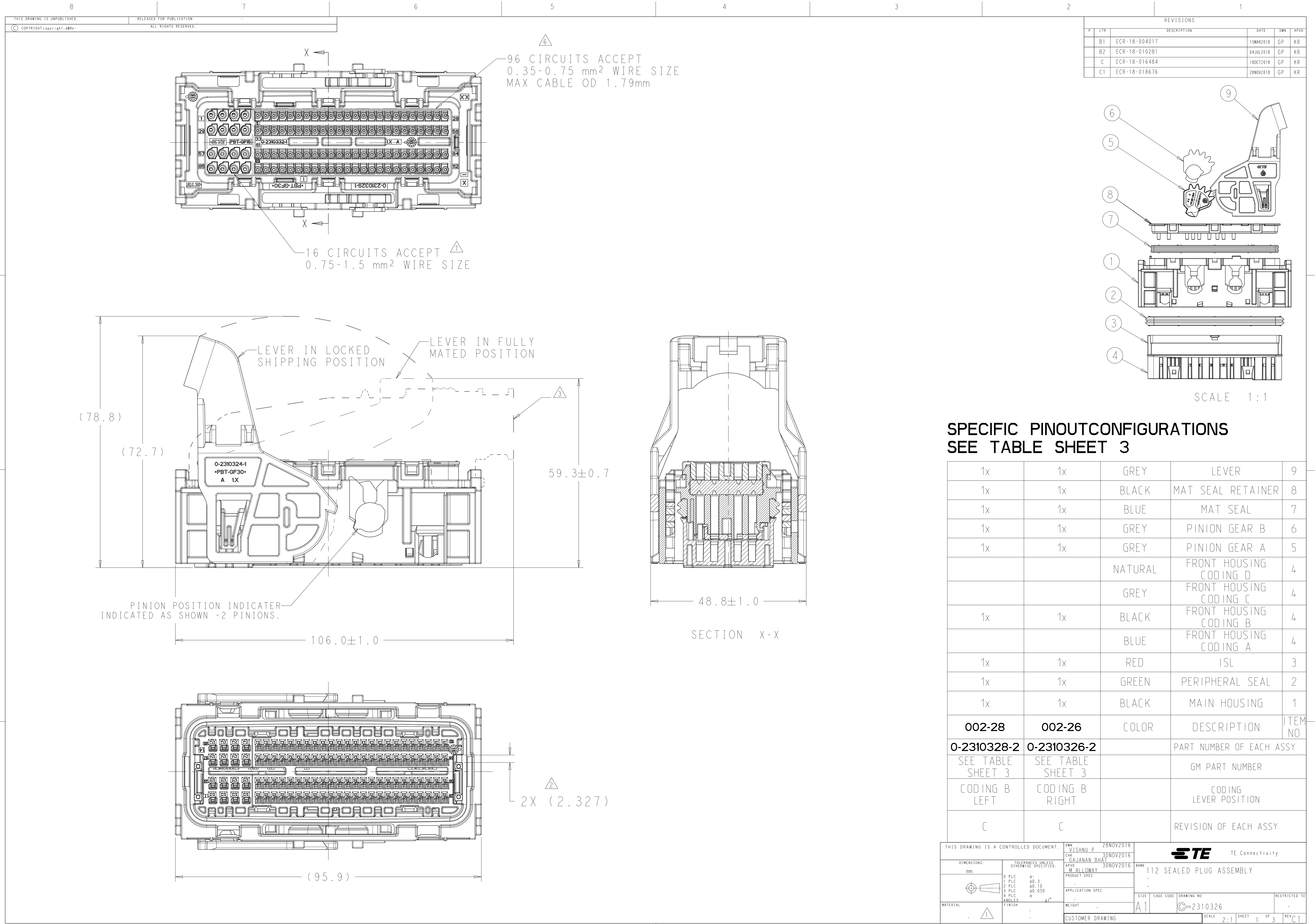




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NOTE(S):

1

MATERIALS:

MAIN HOUSING : PBT, 30% GF, BLACK

PERIPHERAL SEAL : WACKER ELASTOSIL LR 3844/30 A/B, (30 DUROMETER SHORE A), GREEN

FRONT HOUSING : PA66, 35% GF, BLACK LS

PINION GEAR RIGHT : PBT, 30% GF, GREY

PINION GEAR LEFT : PBT, 30% GF, GREY

MAT SEAL : QSR A236IQWB5,DUROMETER 18 (SHORE A), BLUE

MAT SEAL RETAINER : PBT, 15% GF, BLACK LS

LEVER : PBT, 30% GF, GREY

2

ISL SHOWN IN OPEN,SHIPPING POSITION.

3.

WIRE DRESS COVER WIRE DRESS COVER ASM, GM P/N 12670166 (TE P/N 2310337-1) AND SOLD AS A SEPARATE PART.

4.

REFER TO TE DRWG 208-162000 FOR MATING INTERFACE DETAILS.

5.

PRELIMINARY-PRODUCT HAS NOT COMPLETED VALIDATION TESTING AND IS NOT RELEASED FOR PRODUCTION.

6

APPLICABLE 0.64 GENERATION Y TERMINALS:

1-2138699-4 (0.35mm² WIRE)

1-2138699-1 (0.5mm² WIRE)

1-2138699-2 (0.75mm² WIRE)

MAX CABLE OD 1.79mm

7

APPLICABLE 1.2 MCON TERMINALS:

1670144-3 (0.75mm² WIRE)

1452503-3 (1.0-1.5mm² WIRE)

8.

LAYER PACKAGING

PACKAGE TYPE	PART NUMBER	QTY
SHIPPING BOX	0-973056-1	1
CORRUGATED INSERT	0-973163-1	4
PAPER CUSHION	0-740045-1	2

9.

MAXIMUM WIRE BUNDLE CROSS SECTION AREA OF 360mm2 ALLOWED UNDER WIRE DRESS COVER.

10.

CONNECTOR CLASSIFICATION:GM3191 JUNE 2012, TEMP CLASSS T2 (-40° TO 105°C AMBIENT TO CONN SYS) 125°C OPERATING ENVIRONMENT AT TERMINALS VIBRATION CLASS VI (CHASSIS) SEALING CLASS S3 (HIGH PRESSURE SPRAY & IMMERSION TO 1m) GMW3172 NOVEMBER 2012 POWERTRAIN UNDERHOOD TEST FLOW LEGS 1-4, VIBRATION PROFILE PER TABLE, 8 HRS EACH AXIS.

BREAKPOINT	POWER SPECTRAL DENSITY (G ² /Hz)	FREQUENCY (Hz)
1	0.02	10
2	0.05	20
3	0.05	100
4	0.001	800
5	0.001	2000

11.

TERMINALS VALIDATED FOR THIS CONNECTOR: SEE NOTES. PRODUCT QUALIFICATION TESTING CONDUCTED MATED TO SPECIFIED INTERFACE WITH 1.2mm CIRCUITS ENERGIZED AT 7.5 AMPS, ALL CIRCUITS ENERGIZED CONCURRENTLY AND ON LARGEST WIRE SIZE. ADDITIONAL QUANTITY OF 16-0.64mm CIRCUITS POWERED AT 3 AMPS CONCURRENTLY WITH ABOVE ON MAXIMUM WIRE SIZE. (CONTACT CONNECTOR DRE IF DEVIATION IS NEEDED).

12.

CONNECTOR SHIPPED WITH THE CPA AND ISL IN THE PRE-LOCK POSITION.

13.

REFERENCE TE INSTRUCTION SHEET 408-32192 FOR HARNESS MANUFACTURE AND VEHICLE ASSEMBLY PLANT ASSEMBLY/ DISASSEMBLY AND REPAIR INSTRUCTIONS.

14.

THE FOLLOWING DEVIATIONS APPLY TO ACCEPTANCE CRITERA OF ABOVE SPECIFICATIONS:

PRIMARY LOCK RETENTION ON 0.64mm TERMINAL LOCATIONS IS 25N AVERAGE.

ISL PRE-LOCK TO LOCK AND LOCK TO PRE-LOCK TESTED BY ACTUATING ISL COLUMNS INDIVIDUALLY AS SHOWN IN INSTRUCTION SHEET 408-32192.

NO LEVER "POP-UP" AT PRE-SEATING TO DEVICE.

FOR MATING WITH SPECIFIED INTERFACE, WORST CASE CONTACT WIPE CAN BE BELOW 1.0mm FOR ALL CONTACTS. STATISTICAL BEST FIT IS GREATER THAN 1.0mm FOR ALL CONTACTS.

LEVER RETENTION IN SHIPPING POSITION IS 110N AVERAGE.

15.

A SIX DIGIT MARKING ACC. TABLE (SEE SHEET 3) LOCATED ON FRONT OF FEMALE HOUSING.

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
-	-	SEE SHEET 1	-	-	-

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

VISHNU P

28NOV2016

CHK

GAJANAN BHAT

30NOV2016

APVD

M ALLOWAY

30NOV2016

DIMENSIONS:

mm

0 PLC

1 PLC

2 PLC

3 PLC

4 PLC

ANGLES

FINISH

±

±0.3

±0.10

±0.050

±

±1°

-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

NAME

112 SEALED PLUG ASSEMBLY

SIZE

A 1

CAGE CODE

DRAWING NO

2310326

RESTRICTED TO

-

SCALE

2:1

SHEET

2

OF

3

REV

C 1

TE Connectivity

4805 (3/13)

