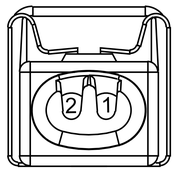
PEE0000083

REV	ECN NO	DATE	CHANGES	ZONE	APN	CRT	RWD	APR
A		01-07-2024	INITIAL RELEASE			SK	SGK	MP

SIDE MARKER

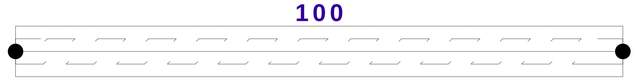
Cav	Index	No.	CSA	Col.	Type	Short Description
1	1	2	0.5	B	FLRY	NEGATIVE
2	2	1	0.5	R	FLRY	POSITIVE



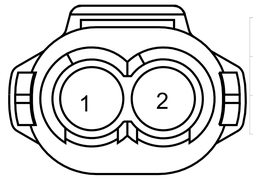
LCFC048

CONNECTOR:-15327868
2 POLE FEMALE BLACK CONN
SUPP NAME:- APTIV
TERMINAL :- 15318264

100



SPRIAL TAPE + CONDUIT+DELFINGEN
NU-FLEX WHS-25



LCFC049

CONNECTOR:61872171
2P MALE SEALED NATURAL SERIES
SUPP NAME:- SUMITOMO
TERMINAL:- 1500-0105

WH INTERFACE

Cav	Index	No.	CSA	Col.	Type	Short Description
1	1	1	0.5	R	FLRY	POSITIVE
2	2	2	0.5	B	FLRY	NEGATIVE

NOTES :
1. ALL WIRES ARE AS PER ISO 6722 OR DIN-72551 PART 8 UNLESS OTHERWISE SPECIFIED..
FOR WIRE COLOUR IDENTIFICATION REFER WIRE COLOUR TABLE.
2. VIEW OF ALL CONNECTORS ARE SHOWN FROM CABLE INSERTION SIDE.
3. MAINTAIN THE CABLE COLOUR POSITION AS SHOWN IN RESPECTIVE COUPLERS.
4. ALL JOINTS SHOULD BE WITH ULTRASONIC WELDED + JELLY FILLED HST.
5. SPIRAL PVC TAPING OVER COT TUBE.
ALL NODES TO BE COVER WITH COTTON TAPE USING CROSS TAPING.
6. TAPING ON BRANCH LENGTH <50mm.
7. DUMMY PLUG TO BE PROVIDED IN EMPTY CAVITY OF SEALED CONNECTOR.
8. CONDUIT SHOULD COMPLY FMVSS302_SE GRADE.
9. PVC SLEEVE FOR ALL BRANCHES SUITABLE FOR: -40ØC TO 105ØC.
10. CONDUIT & PVC SLEEVE SIZES SHOULD BE AS PER MANUFACTURING FEASIBILITY.
11. ALL TERMINAL SHOULD BE TIN PLATED UNLESS OTHERWISE SPECIFIED.
12. MINIMUM TERMINAL PULL OUT FORCE FROM COUPLER IS > 6KgF.
13. START OF TAPING FROM COUPLER END TOWARDS MAIN BRANCH.
14. THE BRANCHES SHOULD BE TAKEN OUT IN THE DIRECTION.
16. ALL CLIP TIES AFTER FITMENT ON HARNESS. CUT THE REMAINING PORTION OF CLIP TIE.
17. ALL RUBBER PARTS MATERIAL IN WIRING HARNESS ASSEMBLY SHOULD BE CARBON FREE.
18. ALL RING TERMINAL DIMENSIONS FROM CRIMPING END OF THE RING TERMINAL.
19. ALL CABLE TIES SERRATIONS TO BE ON HARNESS SIDE.
20. TWISTED PAIR (TWP) WIRES TO BE USED. 30 TURNS PER METER.
21. USE SPOT TAPE AT THE START & END OF TWIST PAIR (TO AVOID UNTWISTING OF WIRES).
22. PROVIDE DOT MARKING ON SAME WIRE WHRE IT IS GOING IN SAME APPLICATION
TO AVOID THE WRONG INSERTION.
15. KEEP ALL JOINT LOCATIONS AS PER MANUFACTURING FEASIBILITY.
23. ADD TERMINATION RESISTOR 120 OHM AT OPEN CAN WIRES.
24. HST TO BE USED FOR ALL RING TERMINALS.
25. WIRE LENGTHS FROM CONNECTORS TO BE CONSIDERED FROM COUPLER BACK SIDE.
26. W/H APPLICATION LABEL TO BE PROVIDED TO EVERY CONNECTOR BRANCH
27. USE TRANSPARENT HST COVERING HALF PORTION OF TERMINALS AS SHOWN.

WIRE COLOUR ABREVIATION

	Pi	PINK	V/B	VIOLET / BLACK	Br/G	BROWN / GREEN
	P/B	PINK / BLACK	V/R	VIOLET / RED	Br/L	BROWN / BLUE
	G/R	GREEN / RED	W	WHITE	Br/Pi	BROWN / PINK
	G/W	GREEN / WHITE	W/B	WHITE / BLACK	W/Br	WHITE / BROWN
	G/Y	GREEN / YELLOW	Y/G	YELLOW / GREEN	W/G	WHITE / GREEN
	Gr	GRAY	Y/Gr	YELLOW / GRAY	W/L	WHITE / BLUE
	Gr/B	GRAY / BLACK	Y/L	YELLOW / BLUE	Y/Pi	YELLOW / PINK
	Gr/G	GRAY / GREEN	W/O	WHITE / ORANGE	Y/R	YELLOW / RED
	Gr/L	GRAY / BLUE	W/R	WHITE / RED	Y/W	YELLOW / WHITE
ORANGE / BROWN	P/L	PINK / BLUE	W/Y	WHITE / YELLOW	G/B	GREEN / BLACK
ORANGE / GREEN	P/R	PINK / RED	Br/R	BROWN / RED	G/Br	GREEN / BROWN
	R	RED	Br/W	BROWN / WHITE	G/L	GREEN / BLUE
	R/B	RED / BLACK	G	GREEN	G/Pi	GREEN / PINK
ORANGE / WHITE	B	BLACK	R/Y	RED / YELLOW	B/W	BLACK / WHITE
	B/G	BLACK / GREEN	V	VIOLET	Y	YELLOW
	B/L	BLACK / BLUE	B/Y	BLACK / YELLOW	Y/B	YELLOW / BLACK
	B/R	BLACK / RED	Br	BROWN	Y/Br	YELLOW / BROWN
	R/G	RED / GREEN	Br/B	BROWN / BLACK	R/O	RED / ORANGE
	R/L	RED / BLUE	B/V	BLACK / VIOLET	R/W	RED / WHITE

REMOVE ALL BURRS,FLASHES & SHARP EDGES | ALL DIMENSIONS ARE IN MM | DO NOT SCALE DRAWING | IF IN DOUBT PLEASE ASK

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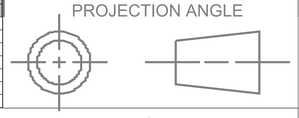
BLUE ENERGY MOTORS

SC SIGNIFICANT CHARACTERISTICS
CC CRITICAL CHARACTERISTICS

MATERIAL	REFER NOTE	CRTD	SK	DT	01-07-2024
		RWD	SGK	DT	01-07-2024
HEAT TREATMENT	---	APP	MP	DT	01-07-2024
		WEIGHT		SCALE	1:1
SURFACE TREATMENT	---	REF L/O NO		SHEET SIZE:-A3	

PROJECTION ANGLE



DESCRIPTION: SIDE MARKER PIGTAIL

PART/ DRG NO. PEE0000083

REV A | SHEET 1 OF 1

A3