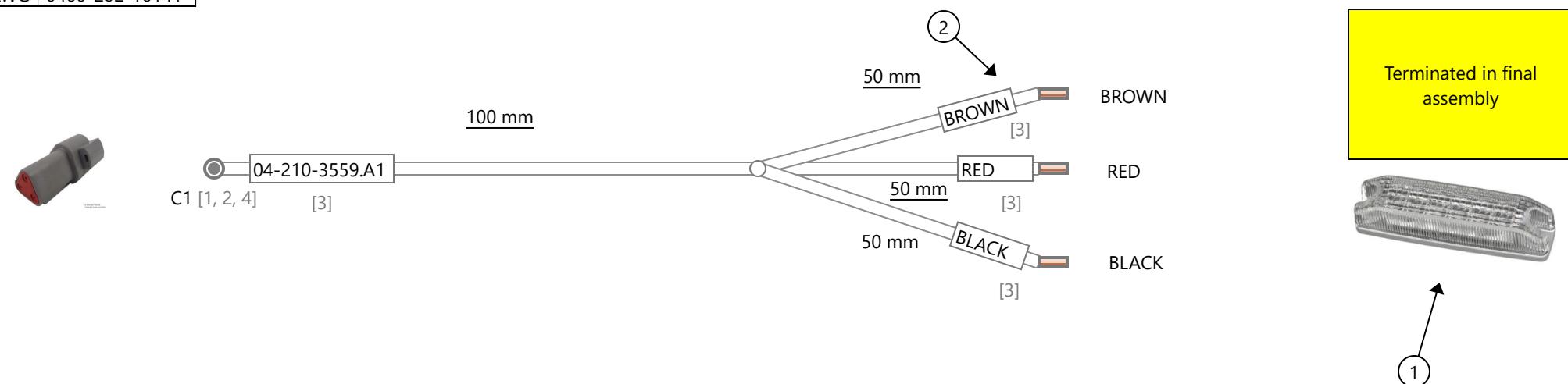


Revisions			
Rev.	Date	Author	Description
0.1	7/8/2025	Zijian Zhu	Autonomous Indicator LEDs

Notes	
①	QTY 10 for turquoise LEDs
②	Add labels if wiring color doesn't match with the design.

Bill of Materials				
Id	Type	Manufacturer	Part Number	Quantity
1	Connector	TE Connectivity / DEUTSCH	DT04-3P	1
2	Contact	TE Connectivity / DEUTSCH	0460-202-16141	3
3	Label	Generic	Item Name Label	4
4	Lock	TE Connectivity / DEUTSCH	W3P	1
5	Wire		Generic 18AWG Brown	150 mm
6	Wire		Generic 18AWG Red	150 mm
7	Wire		Generic 18AWG Black	150 mm

From	To	Conductor	Color	Size	From Contact PN
C1.1	BLACK	W3.Black	[Black]	18 AWG	0460-202-16141
C1.2	RED	W2.Red	[Red]	18 AWG	0460-202-16141
C1.3	BROWN	W1.Brown	[Brown]	18 AWG	0460-202-16141



Title	HARNESS, LED ADK, PIGTAIL, GEN2	Part Number	04-210-3559.A1
Description	HARNESS, LED ADK, PIGTAIL, GEN2		

	Name	Date	Applied Intuition
Drawn By	Z.Zhu	11/10/2025	
Eng Approved	Z.Zhu	11/10/2025	
Mfg Approved	----	----	
QA	----	----	

 Applied Intuition

This document contains confidential and proprietary information that cannot be reproduced or divulged, in whole or in part, without written authorization.

<b>Title:</b>	----
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2

**rapidHARNESS**

Rev.	Date	Author	Description
0.1	7/8/2025	Zijian Zhu	Autonomous Indicator LEDs

<b>Title:</b>	----
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2

**rapidHARNESS**

Flag	Quantity	Note
(1)	1	QTY 10 for turquoise LEDs
(2)	1	Add labels if wiring color doesn't match with the design.

<b>Title:</b>	----
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2

Id	Type	Manufacturer	Part Number	Description	Quantity	Usage
1	Connector	TE Connectivity / DEUTSCH	DT04-3P	Automotive Rectangular DC Connector Housing, 3 Pin Male Plug, Dt Series	1	C1
2	Contact	TE Connectivity / DEUTSCH	0460-202-16141	Pin contact, 0.52-1.31 mm <sup>2</sup> , AWG 20-16, crimp connection, nickel-plated, 0460-202-16141	3	See Wiring Table
3	Label	Generic	Item Name Label	Write Item Name in Label	4	See Drawing
4	Lock	TE Connectivity / DEUTSCH	W3P	Connector Accessories Wedge Lock Straight Glass Filled Polybutylene Terephthalate Green Box	1	C1
5	Wire		Generic 18AWG Brown		150 mm	W1
6	Wire		Generic 18AWG Red		150 mm	W2
7	Wire		Generic 18AWG Black		150 mm	W3

<b>Title:</b>	----
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2

**rapidHARNESS**

From	To	Conductor	Conductor PN	Twisted With	Size	Length	From Contact PN	Notes
C1.1	BLACK	W3.Black	Generic 18AWG Black		18 AWG	150 mm	0460-202-16141	GND
C1.2	RED	W2.Red	Generic 18AWG Red		18 AWG	150 mm	0460-202-16141	PWR
C1.3	BROWN	W1.Brown	Generic 18AWG Brown		18 AWG	150 mm	0460-202-16141	DIM

<b>Title:</b>	----
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2

**rapidHARNESS**

#	Type	Reference Designator	Manufacturer	Part Number	Color	Size	From Strip	To Strip	Length	Twisted With	Notes
1	Wire	W1		Generic 18AWG Brown	 Brown	18 AWG			150 mm		DIM
2	Wire	W2		Generic 18AWG Red	 Red	18 AWG			150 mm		PWR
3	Wire	W3		Generic 18AWG Black	 Black	18 AWG			150 mm		GND

<b>Title:</b>	Turquoise Lamp Pigtail
<b>Part Number:</b>	04-210-3559.A1
<b>Description:</b>	HARNESS, LED ADK, PIGTAIL, GEN2



#	Manufacturer	Part Number	Description	Label Text
1	Generic	Item Name Label	Write Item Name in Label	04-210-3559.A1
2	Generic	Item Name Label	Write Item Name in Label	BLACK
3	Generic	Item Name Label	Write Item Name in Label	BROWN
4	Generic	Item Name Label	Write Item Name in Label	RED