



工程變更客戶通知單

Engineering Change Customer Notification

ECR/ECN 單號： ECR/ECN Number:	EO000043
日期： Date:	2023/08/31
變更者/郵箱： Author/Mail	Ethan Wang
客戶端工程變更需求確認：(signature) EC request confirmation by customer	請於 10 工作日內簽回，若超過 10 日未簽回將視為同意此變更 Please sign back within 10 working days, if you do not sign back within 10 working days, you will be deemed to agree to this change.
客戶端工程變更完成確認：(signature) EC completion confirmation by customer	請於 10 工作日內簽回，若超過 10 日未簽回將視為已確認 Please sign back within 10 working days, if you do not sign back within 10 working days, it will be deemed as confirmed.

1. 影響產品 Affected Products

產品類別 Product Category	零件編號 Part Number
Bolt	ADFGP.25A.07.0060A ADFGP.25B.07.0018A ADFGP.25E.07.0060A ADFGP.25E.09.0131E ADFGP.25E.09.0248E ADFGP.25G.07.0107A ADFGP.25G.07.0132A ADFGP.25G.07.0205A ADFGP.35A.07.0023C.ou ADFGP.35A.07.0030C ADFGP.35A.07.0110C ADFGP.35A.07.0200C ADFGP.50A.01.0150D ADFGP.50A.01.0210D.fu ADFGP.50A.01.0300C ADFGP.50A.01.0300C.db ADFGP.50A.01.1000D ADFGP.50A.07.0100C

	ADFGP.50A.07.0150C
	ADFGP.50A.08.0057C.fu
	ADFGP.50A.08.0058C.fu
	ADFGP.60A.01.0150D
	ADFGP.60A.01.0150D
	ADFGP.60A.01.2000D
	ADFGP.60A.01.2000D
	AGGBLA.125.A
	AGGBLAD.125.A
	AGGBP.25A.07.0022A
	AGGBP.25A.07.0060A
	AGGBP.25A.07.0100A
	AGGBP.25A.07.0200A
	AGGBP.25A.07.0200A.di
	AGGBP.25A.07.0200A.je
	AGGBP.25A.07.0230A.da
	AGGBP.25B.07.0025A
	AGGBP.25B.07.0030A
	AGGBP.25B.07.0060A
	AGGBP.25B.07.0100A
	AGGBP.25B.07.0150A
	AGGBP.25B.07.0180A
	AGGBP.25B.07.0200A
	AGGBP.25B.15.0060E
	AGGBP.25B.15.0080E
	AGGBP.25B.20.0203A
	AGGBP.25P.07.0060A.in
	AGGBP.25Q.07.0060A
	AGGBP.25Q.07.0230C.gp
	AGGBP.25Q.07.0230E.gp
	AGGBP.25Q.07.0250E
	AGGBP.SL.18A.07.0060A
	AGGBP.SL.25A.07.0060A
	AGGBP.SL.25A.07.0100A
	AGGBP.SL.35A.07.0060A
	AGGBP.SL.35A.07.0060A
	AGGBP.SL.35A.07.0313A
	AGGBP.SL.35A.07.0313A
	AGGBP.SLS.18A.07.0060A
	AGGBP.SLS.18A.07.0060A.du
	AGGBP.SLS.25A.07.0060A
	AGGBP.SLS.35A.01.0225E
	AGGBP.SLS.35A.01.0225E
	AGGBP.SLS.35A.01.0300A
	AGGBP.SLS.35A.01.0300A
	AGGBP.SLS.35A.07.0060A
	AGGBP.SLS.35A.07.0060A

	AGGBP.SLS.35A.07.0060A.du
	AGGBP.SLS.35A.07.0060A.du
	AGGBP.SLS.35A.07.0170A
	AGGBP.SLS.35A.07.0170A
	AGGBP.25B.15.0210A.ii
	AGGBT.50A.07.0100C
	AGGP.17A.07.0060A
	AGGP.17A.54.0100A.du
	AGGP.17A.54.0140A.du
	AGGP.18F.07.0060A
	AGGP.25F.07.0020A
	AGGP.25F.07.0040A.du
	AGGP.25F.07.0060A
	AGGP.25F.07.0060A.jb
	AGGP.25F.07.0060A.lb
	AGGP.25F.07.0100A
	AGGP.25F.07.0127A
	AGGP.25F.07.0135A
	AGGP.25F.07.0200A
	AGGP.25F.09.0100E
	AGGP.25F.15.0180D
	AGGP.25F.17.0060A
	AGGP.25F.50.0100Q
	AGGP.35F.07.0045A
	AGGP.35F.07.0050A
	AGGP.35F.07.0060A
	AGGP.35F.07.0060A.lb
	AGGP.35F.09.0046A
	AGPSF.36C.01.0100A
	AGPSF.36C.07.0100C
	AGPSF.36E.07.0100C
	AGPSF.36E.07.0100C.mj
	AGPSF.36G.07.0100C
	AGVB.25A.07.0060A
	AGVB.25A.07.0061A
	AGVLB.25A.07.0060A
	AHP24510.07.0100C
	AP.10E.07.0039B
	AP.10E.07.0039B.lb
	AP.10E.07.0110B
	AP.10F.07.0039B
	AP.10F.07.0090B
	AP.10G.01
	AP.10H.01
	AP.12F.07.0020A
	AP.12F.07.0045A
	AP.12F.07.0080A

AP.12F.07.0090A
 AP.12F.07.0110A
 AP.12F.07.0220A
 AP.12F.07.0270A
 AP.12G.07.0170A
 AP.17E.01.0064A
 AP.17E.07.0020A
 AP.17E.07.0040A
 AP.17E.07.0064A
 AP.17E.07.0064A.lb
 AP.17E.09.0050A
 AP.17F.07.0020A
 AP.17F.07.0023A.es
 AP.17F.07.0064A
 AP.17F.07.0080A
 AP.17F.07.0200A
 AP.17F.07.0295A
 AP.17F.07.0300A
 AP.17F.07.250A.es
 AP.25E.07.0020A
 AP.25E.07.0054A
 AP.25E.07.0054A.ef
 AP.25E.07.0054A.lb
 AP.25E.07.0062A.dp
 AP.25E.07.0078A.dp
 AP.25E.07.0150A
 AP.25E.07.0150A.db
 AP.25E.07.0300A
 AP.25E.09.0100A.mx
 AP.25E.18.0044H
 AP.25E.18.0065H
 AP.25E.18.0120H
 AP.25F.01.0150D
 AP.25F.07.0078A
 AP.25F.07.0078A.lb
 AP.25F.07.0140A.cc
 AP.25F.07.0252C
 AP.25F.09.0095D
 AP.25F.19.0110A
 AP.25F.20.0085D
 AP.25M.07.0080A
 AP.25M.07.0080A.lb
 AP.25M.07.0100A
 AP.25M.07.0100A.db
 AP.35A.07.0054A
 AP.35A.07.0075A
 AP.35E.07.0054A

	ASGGB184.A ASGGB254.A ASGGBD184.A ASGGBD254.A ASGGP.25.4.A.08 ASGPDF254.A ASGPDFD254.A TFM.100A TFM.100B TFM.110A TFM.120A TFMD.100A TFMD.100B TFMD.110A TFMD.120A
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2. 變更訊息 Information of change

變更類型 Type of Change	☒ 工程設計變更 Engineering Design Change		☐ 生產製程變更 Production Process improvement	
	☐ 其他:			
變更原因 Reason for change	Quality Improvement			
變更說明 Description of Change	In order to unify and provide better ESD protection on active GNSS embedded antennas, replacing current PE bag and EPE foam with ESD packaging.			
變更影響 Impact of change	☐ 外觀 Appearance ☐ 功能 Function ☐ 規格 Specification ☐ 品質 Quality ☐ 可靠度 Reliability ☐ 法規 Regulations ☒ 包裝 Package: ☐ 其他 Others: Add MFG plant			
	上述影響描述: Describe if above applies: Yes		No impact	
預估轉換日期 Forecast Estimated Transition Date	Last buy (old product)		Running change	
	New buy (new product)		TBC (after customer approval)	

3. 計劃表

N/A

4. 變更圖例

Illustration of Change

1. 變更前 / Before

- EPE foam without Anti-Static packaging.

2. 變更後/After

- EPE foam with Anti-Static packaging.

■ EPE foam -> Anti-Static foam

