Document Receipt Acknowledgement

Date: Section:

Name:

Document Number: DM-R18-084-G0190 Date; Sep.,28,2018

Attention:

FARNELL ELEC COMPONENTS LTD

PIR Sensor partial withdrawal(Japan produced item)

Product Type: IRA-E Series, IRS-B Series and Frenel lens for these series

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata. We would like to announce on the withdrawal of PIR sensor IRA-E series, IRS-B (SMD) series and Frenel Lens for these 2 series, by the schedule indicated below. Please read through this noice and return your written feedback by the due date. Also, we request you to place the last time order by the Last time order limit. Your understanding and support are highly appreciated.

1. Product Type, Customer/Murata/Alternative Part Numbers:

Product Type: IRA-E Series, IRS-B Series and Frenel lens for these series

Please refer to the attached documents for detailed Part Numbers' information.

2. Reasons/Background:

To concentrate on promoting IRA-S series such as RFI improved high performance type, we decided to withdraw IRA-E Series, IRS-B(2nd SMD) series and Fresnel lens for these series.

1. **IRA-E series** has not been promoted for the past few years since we have new higher performance PIR sensor IRA-S series.

2. **IRS-B (2nd SMD) series** also has not been recommended due to disadvantage of noise against lead type for the past few years. Customer who requires small size sensor and who understands the noise demerit has adopted 2nd SMD series, however, the business volume of those customers were not large.

Classification I Discontinued (with alternative equivalents): IRA-E series and Fresnel Lens for IRA-E series

Classification II Discontinued (no replacements): IRS-B series and Fresnel Lens for SMD

Classification III Factory change (Japan to Thailand): Other Fresnel lens

3. Product Withdrawal Schedule:

Last time order*:	Sep, 30, 2019
Production stop:	Dec, 31, 2020
Last shipment:	Jun, 30, 2021
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*: Last time buy needs to follow the standard package quantity and minimum order quantity.

No return and No cancel can be accepted except for Murata responsible failure.

4. Feedback Due:

Mar, 31, 2019

Please fill in and return the attached page with your feedback by the due date above. If you need further discussion and/or adjustment, please indicate so on to the attached page or to the other written format and return to Murata contact person. We will regard the silence as acception of this notice after above due date.

5. Contact Window:

Should you have any questions or concerns,

please contact Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd. Planning and Promotion Department, Sensor Product Division General Manager Yoshitaka Nagao



Confirmation Letter

Murata Manufacturing, Co., Ltd.

FARNELL ELEC COMPONENTS LTD

Product Withdrawal Confirmation

Product Withdrawal detailed below is Subject to Further Discussion. Product Type: Product Type: IRA-E Series, IRS-B Series and Frenel lens for these series

Accepted.

Last Time Order Due: Sep,30,2019

Comments, Questions, Requests, etc.

Signature Date: (MM, DD, YYYY)

Title:

Name:



納入実績 Sales History

弊社に登録されている貴社品番は下記になります。下記に記載の無い貴社品番につきましても、弊社の対象品種については申し入れに含むことと致します。 Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number) Regardless of the list below, all part numbers shall be the target as far as they are categorized into the Product Type indicated in the Document.

■区分 I /Classification I 生産中止(代替相当品あり): IRA-EシリーズおよびIRA-Eシリーズ専用フレネルレンズ Discontinued (with alternative equivalents): IRA-E series and Fresnel Lens for IRA-E series

口座番号Ac count Number	NC お客様名 Customer Name	貴社品番 CustomerPart Number	弊社品番 MurataPart Number	代替品名 Alternative Part Number			備考				
						Sales	Memo				
					' 13FY	' 14FY	' 15FY	' 16FY	' 17FY	18FY until July	
G0190	FARNELL ELEC COMPONENTS LTD	1006207	IRA-E712ST3	IRA-S200ST01A01	2500	3700	1100	1800	700	1600	
G0190	FARNELL ELEC COMPONENTS LTD	1006208	IML-0636	IML-0686	2700	3800	5600	4800	6400		
G0190	FARNELL ELEC COMPONENTS LTD	1006209	IRA-E700ST0	IRA-S200ST01A01	7200	17900	6000	12100	22900	500	

■区分Ⅱ/Classification Ⅱ 生産中止(代替品なし) : IRS-BシリーズおよびSMD用フレネルレンズ Discontinued (no replacements): IRS-B series and Fresnel Lens for SMD

口座番号Ac count Number	c お客様名 Customer Name	貴社品番 弊社品番 CustomerPart MurataPar Number Number					備考				
				代替品名 Alternative		Sale	Memo				
				Part Number	' 13FY	' 14FY	' 15FY	' 16FY	' 17FY	18FY until July	
G0190	FARNELL ELEC COMPONENTS LTD	1777664	IML-0642	N/A	1100	900	400	600	200		
G0190	FARNELL ELEC COMPONENTS LTD	1777665	IML-0658	N/A	600	600	700	3800	1000	100	
G0190	FARNELL ELEC COMPONENTS LTD	1777666	IML-0669	N/A	1300	700		400	900		
G0190	FARNELL ELEC COMPONENTS LTD	1849539	IRS-B210ST01-R1	N/A	2000	2000			2000		
G0190	FARNELL ELEC COMPONENTS LTD	1849540	IRS-B340ST02-R2	N/A	2000	1000		1500			
G0190	FARNELL ELEC COMPONENTS LTD	1849541	IML-0650	N/A	1050	700	300				

■区分Ⅲ/Classification Ⅲ 出荷工場変更: その他フレネルレンズ Factory change (Japan to Thailand): Other Fresnel lens

口座番号Ac count Number	c お客様名 Customer Name	貴社品番 CustomerPart Number	弊社品番 MurataPart Number	代替品名 Alternative Part Number			備考 Memo				
						Sales					
					' 13FY	' 14FY	' 15FY	' 16FY	' 17FY	18FY until July	
G0190	FARNELL ELEC COMPONENTS LTD	1230275	PPGI0601	_	1700	3500	1400	2300	1000	100	
G0190	FARNELL ELEC COMPONENTS LTD	1230276	PPG10902	_	8	10	4				
G0190	FARNELL ELEC COMPONENTS LTD	2707448	PPGI0626	_				100			
G0190	FARNELL ELEC COMPONENTS LTD	2707449	PPG10902	-				1	14	12	