

ECN/PCN No.: M1737

For Manufacturer

Product Description: Low Profile Shielded SMD Chip Power Inductor	Abrakon Part Number / Part Series: ASPI-0410FS Series	☐ Documentation only ☒ ECN ☐ EOL	☒ Series ☐ Part Number(s)
Affected Revision: E	New Revision: F	Application:	☐ Safety ☒ Non-Safety

Prior to Change:

1.0 Key Electrical Specifications

Part Number ASPI-0410FS- Inductance Code	Inductance	Inductance Tolerance	DCR max	Rated DC Current max.
Units	μH	%	mΩ	A
Symbol	L	M	DCR	IDC
ASPI-0410FS-1R0	1.0	N	100	1.80
ASPI-0410FS-2R2	2.2	N, M	150	1.15
ASPI-0410FS-3R3	3.3	M	180	1.10
ASPI-0410FS-4R7	4.7	M	210	0.90
ASPI-0410FS-6R8	6.8	M	300	0.74
ASPI-0410FS-100	10	M	380	0.56
ASPI-0410FS-220	22	M	870	0.36

After Change:

1.0 Key Electrical Specifications

Part Number ASPI-0410FS- Inductance Code	Inductance	Inductance Tolerance	DCR ±30%	Rated DC Current max.
Units	μH	%	mΩ	A
Symbol	L	M	DCR	IDC
ASPI-0410FS-1R0	1.0	N	70	1.90
ASPI-0410FS-2R2	2.2	N, M	110	1.50
ASPI-0410FS-3R3	3.3	M	130	1.40
ASPI-0410FS-4R7	4.7	M	140	1.20
ASPI-0410FS-6R8	6.8	M	260	1.00
ASPI-0410FS-100	10	M	406	0.75
ASPI-0410FS-220	22	M	800	0.50

Cause/Reason for Change: Change of materials for increased availability through supply chain.		
Change Plan		
Effective Date: 12/8/2026	Additional Remarks:	
Change Declaration: No changes to form or fit. Slight changes to electrical performance requires careful review.		
Issued Date: 7/13/2026	Issued By: <i>Grald Capwell</i>	Issued Department: Engineering
Approval: <i>Gerald Capwell</i> Director, Engineering	Approval: <i>Reuben Quintanilla</i> Quality Director	Approval: <i>Ying Huang</i> Purchasing Director
For Abracon EOL only		
Last Time Buy (if applicable):		Alternate Part Number / Part Series:
Additional Approval:	Additional Approval:	Additional Approval:
Customer Approval (If Applicable)		
Qualification Status: ☐ Approved ☐ Not accepted <i>Note: It is considered approved if there is no feedback from the customer 1 month after ECN/PCN is released.</i>		
Customer Part Number:		Customer Project:
Company Name:	Company Representative:	Representative Signature:
Customer Remarks:		