



# IRF840AS/AL

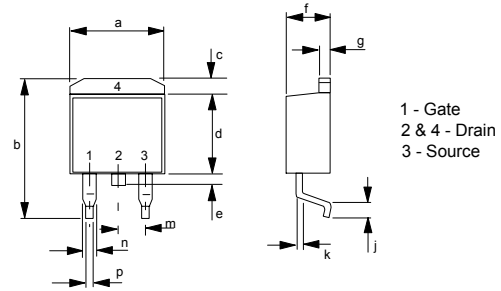
Power MOSFET

$V_{DS} = 500V$ ,  $R_{DS(on)} = 0.85 \text{ ohm}$ ,  $I_D = 8.0 \text{ A}$

## Mechanical Dimensions

Case SMB 220 Plastic

Dim	Millimetres		Inches	
	Min	Max	Min	Max
a	9.85	10.67	0.380	0.420
b	14.61	15.88	0.575	0.625
c		1.65		0.065
d	8.51	9.65	0.335	0.380
e	1.27	1.78	0.050	0.070
f	4.08	4.83	0.180	0.190
g	1.14	1.40	0.045	0.055
h	1.15	1.400	0.045	0.055
j	1.78	2.79	0.070	0.110
k	0.38	0.77	0.015	0.029
m		2.54 Pitch		0.10 Pitch
n	0.51	0.99	0.020	0.038
p	0.51	0.89	0.020	0.35



## Mechanical Dimensions

Case TO262 Plastic

Dim	Millimetres		Inches	
	Min	Max	Min	Max
a	10.29	10.54	0.405	0.415
b	9.91	10.54	0.390	0.415
c	13.47	14.09	0.530	0.555
d	1.15		0.045	
e	1.15	1.40	0.045	0.055
f	0.69	0.93	0.027	0.037
g		2.54 Pitch		0.10 Pitch
h	4.20	4.69	0.165	0.185
j	1.22	1.32	0.048	0.052
k	0.46	0.55	0.018	0.022
m	2.64	2.92	0.104	0.115
n	3.55	4.06	0.140	0.160

