

Max. ac V _{RRM} V	Input Voltage	Mftrs. List No.	Order Code	1+	25+	100+	250+
25A Series							
200	140	GBPC25-02. (GS)	210-924‡	246.00	200.00	162.00	122.00
200	140	GBPC25-02 (GS)	954-9382●	224.00	182.00	148.00	111.00
200	140	GBPC2502. (FCH)	572-949▲‡	222.00	183.00	129.00	95.00
200	140	GBPC2502 (FCH)	101-7699●	222.00	183.00	129.00	95.00
200	140	GBPC2502 (MC)	NEW 408-4691●	206.00	166.00	125.00	122.00
400	280	GBPC25-04. (GS)	210-936‡	276.00	225.00	182.00	137.00
400	280	GBPC25-04 (GS)	954-9390●	234.00	190.00	154.00	123.00
400	280	GBPC2504. (FCH)	740-287▲‡	228.00	183.00	129.00	95.00
400	280	GBPC2504 (FCH)	101-7700●	228.00	183.00	129.00	95.00
400	280	GBPC2504 (MC)	NEW 408-4705●	210.00	169.00	126.00	124.00
600	420	GBPC25-06. (GS)	210-948‡	289.00	235.00	190.00	143.00
600	420	GBPC25-06 (GS)	954-9404●	240.00	195.00	158.00	119.00
600	420	GBPC2506 (MC)	NEW 408-4713●	214.00	172.00	128.00	126.00
600	420	GBPC2506A.	369-4124▲	162.00	126.00	106.00	101.00
600	420	GBPC2506A	909-8623●	195.00	140.00	107.00	92.00
800	560	GBPC25-08. (GS)	210-950	261.00	212.00	172.00	137.00
800	560	GBPC2508 (MC)	NEW 408-4721●	217.00	174.00	130.00	128.00
800	560	GBPC2508A	369-4136▲	191.00	137.00	111.00	101.00
800	560	GBPC2508APBF	909-8658●	200.00	144.00	110.00	94.00
1000	700	GBPC2510	572-962	222.00	183.00	129.00	95.00
1000	700	GBPC2510A.	370-2080▲	193.00	138.00	112.00	102.00
1000	700	GBPC2510A	909-8453●	203.00	145.00	111.00	96.00
1200	840	GBPC2512A.	370-2108▲	227.00	163.00	132.00	120.00
1200	840	GBPC2512APBF	909-8496●	227.00	163.00	124.00	107.00
35A Series							
200	140	GBPC3502. (GS)	234-140‡	242.00	197.00	160.00	128.00
200	140	GBPC3502 (GS)	954-9412●	242.00	197.00	160.00	120.00
200	140	GBPC3502 (FCH)	984-3590●	233.00	196.00	137.00	101.00
200	140	GBPC3502 (MC)	NEW 408-4730●	217.00	174.00	130.00	128.00
200	140	GBPC3502A	393-8694▲	192.00	134.00	113.00	103.00
200	140	GBPC3502APBF	909-8852●	210.00	150.00	115.00	99.00
400	280	GBPC3504. (MC)	740-299▲‡	233.00	174.00	143.00	115.00
400	280	GBPC3504 (MC)	101-7701●	233.00	174.00	143.00	115.00
400	280	GBPC3504A	393-8700▲	167.00	130.00	110.00	—
400	280	GBPC3504APBF	909-8941●	219.00	157.00	120.00	103.00
600	420	GBPC3506. (GS)	234-151‡	289.00	235.00	190.00	143.00
600	420	GBPC3506 (GS)	954-9420●	281.00	228.00	185.00	139.00
600	420	GBPC3506. (MC)	NEW 572-998‡	228.00	183.00	137.00	134.00
600	420	GBPC3506A.	369-4150▲	172.00	125.00	106.00	99.00
600	420	GBPC3506APBF	909-8968●	205.00	147.00	112.00	96.00
800	560	GBPC3508A	369-4161▲	203.00	145.00	118.00	108.00
800	560	GBPC3508APBF	909-8992●	212.00	152.00	116.00	100.00
1000	700	GBPC3510A.	370-2121▲	174.00	131.00	117.00	104.00
1000	700	GBPC3510A	909-8755●	215.00	154.00	118.00	101.00
1200	840	GBPC3512A	370-2145▲	183.00	143.00	120.00	—
1200	840	GBPC3512APBF	909-8798●	240.00	173.00	132.00	114.00
50A Series							
50	35	GBPC50005.	NEW 573-050‡	774.00	570.00	444.00	339.00
50	35	GBPC50005	956-5159●	774.00	570.00	444.00	339.00
200	140	GBPC5002.	NEW 573-061‡	813.00	643.00	530.00	383.00
200	140	GBPC5002	956-5167●	813.00	643.00	530.00	383.00
600	420	GBPC5006.	NEW 573-073‡	823.00	620.00	503.00	374.00
600	420	GBPC5006	956-5175●	823.00	620.00	503.00	374.00
1000	700	GBPC5010.	NEW 573-085‡	910.00	671.00	523.00	399.00
1000	700	GBPC5010	956-5183●	910.00	671.00	523.00	399.00

NOTE: On devices above 2.7 amps, the maximum values of I₀ dc quoted are based on the assumption that the device is mounted on a chassis or some form of heatsink.

30A/50A



A: H=24, W=45, D=45
B: H=30, W=71, D=60
I₀ = 30A dc @ T_c = 94°C I_{FSM} = 370A @ T_{vj} = 25°C

- Isolated metal case
- High surge current
- M4 x 2 mounting points
- UL recognised



I ₀ (A)	V _{RRM} (V)	Package	Mftrs. List No.	Order Code	1+	25+	100+
30	800	A	SKB30/08A1	940-1938●	2,356.00	1,885.00	1,414.00
30	1200	A	SKB30/12	940-1873●	1,414.00	1,132.00	955.00
50	800	B	SKB50/08A3	940-1946●	4,671.00	3,737.00	3,153.00

40A



H=12.2, W=38, D=25.4

- Planar passivated chips
- Easy to mount
- Low forward voltage drop (less than 1.15V)



V _{RRM} V	V _{RMS} V	Mftrs. List No.	Order Code	1+	25+	100+	+
800	250	VBO 40-08N06	108-0116●	1,029.00	600.00	553.00	—
1200	400	VBO 40-12N06	108-0117●	1,299.00	757.00	699.00	—

Three Phase Bridge Rectifiers

20A/25A/35A



H=10, W=28.5, D=28.5
Mounting hole=5.2 dia, Terminals=6.3 x 0.8

- SKD Series**
I₀ = 20A dc max @ T_c = 73°C
I_{FSM} = 320A
- 26MT Series**
I₀ = 25A dc max @ T_c = 60°C
I_{FSM} = 330A
- 36MT Series**
I₀ = 35A dc max @ T_c = 60°C
I_{FSM} = 475A

I ₀ A	V _{RRM} V	Mftrs. List No.	Order Code	1+	25+	100+
20	800	SKN SKD2508	NEW 940-1830●	890.00	712.00	534.00
20	1200	SKN SKD2512	NEW 940-1849●	962.00	770.00	577.00
25	100	IR 26MT10PBF	NEW 909-8569●	568.00	407.00	327.00
25	400	IR 26MT40PBF	NEW 909-8577●	568.00	407.00	308.00
25	600	IR 26MT60PBF	NEW 909-8585●	568.00	407.00	308.00
25	800	IR 26MT80PBF	NEW 909-8542●	568.00	407.00	308.00
25	1000	IR 26MT100PBF	NEW 909-8550●	568.00	407.00	308.00
25	1200	IR 26MT120PBF	NEW 909-8593●	592.00	424.00	321.00
25	1600	IR 26MT160PBF	NEW 909-8534●	937.00	654.00	509.00
35	400	IR 36MT40PBF	909-8860●	763.00	548.00	414.00
35	600	IR 36MT60PBF	909-8909●	763.00	548.00	414.00
35	800	IR 36MT80PBF	909-8887●	763.00	548.00	414.00
35	1200	IR 36MT120PBF	909-8917●	794.00	570.00	431.00
35	1400	IR 36MT140PBF	909-8895●	949.00	662.00	515.00
35	1600	IR 36MT160PBF	909-8879●	763.00	548.00	414.00

30A/50A



- Isolated metal case
- High surge current
- M4 x 2 mounting points

H=30, W=71, D=60

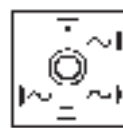
I₀ = 30A dc @ T_a = 98°C I_{FSM} = 370A @ T_{vj} = 25°C
I₀ = 50A dc @ T_c = 92°C I_{FSM} = 750A @ T_{vj} = 25°C

I ₀ A	V _{RRM} (V)	Mftrs. List No.	Order Code	1+	25+	100+
30	1200	SKD30/12A1	940-1989●	3,453.00	2,763.00	2,202.00
30	1600	SKD30/16A1	109-5595●	1,494.00	1,058.00	—
50	1200	SKD50/12	940-1962●	7,718.00	6,174.00	4,630.00

35A



I₀ = 35A dc max @ T_c = 100°C
I_{FSM} = 450A

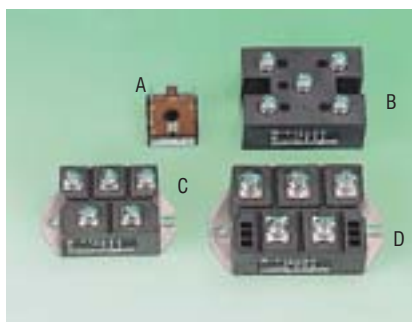


H=10, W=28.5, D=24.5
Mounting hole=5.2 dia, Terminals=6.3 x 0.8



I ₀ A	V _{RRM} V	Mftrs. List No.	Order Code	1+	25+	100+
35	1400	SKN DB 35-14	109-5594●	778.00	566.00	501.00

25A to 186A
B6U Configuration



- A: H=10 (excl. terminals), W/D=28.5, Mounting holes=5.2 dia.
- B: H=31 (excl. terminals), W=67, D=50
Mounting holes=5.5 dia., fixing centres=50
- C: H=30 (excl. terminals), W=72, D=42
Mounting holes=5.3 dia., fixing centres=60
- D: H=30 (excl. terminals), W=94, D=54
Mounting holes=6.5 dia., fixing centres=80

Semiconductors - Discretes

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Compliant
Non-compliant
RoHS
+ Limited stock - RoHS replacement available