

FACTORY TO PRODUCE YOUR PRODUCTS

SMD / EMI Spring Contacts

Surface mount spring contacts for PCB grounding, EMI shielding, board-to-board and board-to-housing electrical connections. Beryllium copper, tape-and-reel packaged for automated SMT assembly — 31 variants across 8 type families, grouped below into three selection groups.

SELECTION GROUPS

01 Type C

12 variants · 29 SKUs

The core surface mount range and the widest choice of footprints. First choice for board-to-chassis grounding and antenna contact where board space is limited.

Height **1.5 - 6.0 mm**
Footprint L x W **2.3 - 6.0 x 1.2 - 2.5 mm**
C-01 ... C-12

02 Type 3 & S

8 variants · 15 SKUs

The tall end of the range, reaching gaps a Type C cannot span. For board-to-board and board-to-housing links with large stack-up gaps or wide mechanical tolerance to absorb.

Height **2.0 - 13.0 mm**
Footprint L x W **3.0 - 7.0 x 1.2 - 5.0 mm**
3-01 ... 3-05 · S-01 ... S-03

03 Other Types

11 variants · 13 SKUs

Types D, 8, 5, U and 6 — alternative profiles for footprints, approach directions and clearances the C, 3 and S shapes do not suit.

Height **1.5 - 6.2 mm**
Footprint L x W **2.8 - 7.0 x 1.0 - 4.0 mm**
D-01 · 8-01 ... 8-04 · 5-01 ... 5-04 · U-01 · 6-01

CAPABILITIES

◆ SMT Compatible

Tape-and-reel packaged for automated surface mount assembly — compatible with standard SMT pick-and-place equipment.

◆ Electrical Grounding

Low-resistance grounding paths between PCB layers, boards and chassis for reliable electrical continuity.

◆ EMI Shielding

Sprung contact between PCB and metal housings, holding pressure against assembly tolerance, vibration and thermal movement.

◆ Material & Plating

Beryllium Copper (BeCu) base material with tin or gold plating to suit the application and process.

CUSTOMIZATION — BUILT TO YOUR SPECIFICATION

Beyond the 31 standard variants shown here, Seyunda designs and manufactures spring contacts to customer drawings and samples. Contact height, footprint, contact force, material and plating can all be tailored to your board and enclosure. Send us your requirements or a sample and our engineering team will come back with a proposal, tooling plan and quotation.

Custom geometry · Custom force · Custom plating · Tape-and-reel packaging · OEM / ODM

HOW TO READ AN ITEM NUMBER

B C - 2 5 0 4 3 0 3 5 G - S Y**B** Beryllium Copper (BeCu) base material**25043035** Dimensions — width, length, height**SY** Seyunda type designation**C** Type family — C, 3, S, D, 8, 5, U or 6**G** Plating — G/AU gold, S/SN tin

TYPICAL APPLICATIONS

Consumer Electronics

Communications

Automotive Electronics

PCB Grounding

EMI Shielding

Board-to-Board

TYPE C-01

Type C · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-25043035S-SY	2.5	4.3	3.5	Tin
BC-25043035G-SY	2.5	4.3	3.5	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-02

Type C · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-20040020S-SY	2.0	4.0	2.0	Tin
BC-20040020G-SY	2.0	4.0	2.0	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-03

Type C · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-20038020S-SY	2.0	3.8	2.0	Tin
BC-20038020G-SY	2.0	3.8	2.0	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-04

Type C · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BC-12023015G-SY	1.2	2.3	1.5	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-05

Type C · 4 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-20035035G-SY	2.0	3.5	3.5	Gold
BC-25030040G-SY	2.5	3.0	4.0	Gold
BC-25040050G-SY	2.5	4.0	5.0	Gold
BC-20047057G-SY	2.0	4.7	5.7	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-06

Type C · 5 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-25045035G-SY	2.5	4.5	3.5	Gold
BC-25045036G-SY	2.5	4.5	3.6	Gold
BC-25030040G-SY	2.5	3.0	4.0	Gold
BC-20048045G-SY	2.0	4.8	4.5	Gold
BC-20045048G-SY	2.0	4.5	4.8	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-07

Type C · 3 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-25045048G-SY	2.5	4.5	4.8	Gold
BC-25040055G-SY	2.5	4.0	5.5	Gold
BC-25040060G-SY	2.5	4.0	6.0	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-08

Type C · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BC-20060040G-SY	2.0	6.0	4.0	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-09

Type C · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BC-20058050G-SY	2.0	5.8	5.0	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-10

Type C · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-20047057S-SY	2.0	4.7	5.7	Tin
BC-20047057G-SY	2.0	4.7	5.7	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-11

Type C · 5 SKUs



ITEM NUMBER	W	L	H	PLATING
BC-25043035G-SY	2.5	4.3	3.5	Gold
BC-25040050G-SY	2.5	4.0	5.0	Gold
BC-25043050G-SY	2.5	4.3	5.0	Gold
BC-20040053G-SY	2.0	4.0	5.3	Gold
BC-20060060G-SY	2.0	6.0	6.0	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE C-12

Type C · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BC-20030025G-SY	2.0	3.0	2.5	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 3-01

Type 3 & S · 4 SKUs



ITEM NUMBER	W	L	H	PLATING
B3-25048070G-SY	2.5	4.8	7.0	Gold
B3-25070090G-SY	2.5	7.0	9.0	Gold
B3-30060100G-SY	3.0	6.0	10.0	Gold
B3-30060113G-SY	3.0	6.0	11.3	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 3-02

Type 3 & S · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B3-50060070G-SY	5.0	6.0	7.0	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 3-03

Type 3 & S · 1 SKU

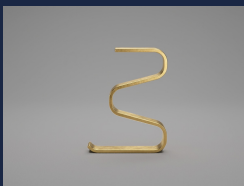


ITEM NUMBER	W	L	H	PLATING
B3-20030025G-SY	2.0	3.0	2.5	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 3-04

Type 3 & S · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B3-13040053G-SY	1.3	4.0	5.3	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 3-05

Type 3 & S · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B3-22040020G-SY	2.2	4.0	2.0	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE S-01

Type 3 & S · 4 SKUs



ITEM NUMBER	W	L	H	PLATING
BS-25065080G-SY	2.5	6.5	8.0	Gold
BS-25070120G-SY	2.5	7.0	12.0	Gold
BS-25070120S-SY	2.5	7.0	12.0	Tin
BS-25070130G-SY	2.5	7.0	13.0	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE S-02

Type 3 & S · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BS-12037032G-SY	1.2	3.7	3.2	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE S-03

Type 3 & S · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
BS-20030031G-SY	2.0	3.0	3.1	Gold
BS-20030036G-SY	2.0	3.0	3.6	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE D-01

Other Type · 1 SKU



ITEM NUMBER	W	L	H	PLATING
BD-20035027G-SY	2.0	3.5	2.7	Gold

Thickness 0.15 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 8-01

Other Type · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B8-20040037G-SY	2.0	4.0	3.7	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 8-02

Other Type · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B8-25070062G-SY	2.5	7.0	6.2	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 8-03

Other Type · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
B8-30040051G-SY	3.0	4.0	5.1	Gold
B8-30040051S-SY	3.0	4.0	5.1	Tin

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 8-04

Other Type · 1 SKU



ITEM NUMBER	W	L	H	PLATING
B8-25035040G-SY	2.5	3.5	4.0	Gold

Thickness 0.08 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 5-01

Other Type · 2 SKUs



ITEM NUMBER	W	L	H	PLATING
B5-25040041G-SY	2.5	4.0	4.1	Gold
B5-25040043G-SY	2.5	4.0	4.3	Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 5-02

Other Type · 1 SKU



ITEM NUMBER

W

L

H

PLATING

B5-40040051G-SY

4.0

4.0

5.1

Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 5-03

Other Type · 1 SKU



ITEM NUMBER

W

L

H

PLATING

B5-25045060G-SY

2.5

4.5

6.0

Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 5-04

Other Type · 1 SKU



ITEM NUMBER

W

L

H

PLATING

B5-25045060G-SY

2.5

4.5

6.0

Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE U-01

Other Type · 1 SKU



ITEM NUMBER

W

L

H

PLATING

BU-10028015G-SY

1.0

2.8

1.5

Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2

TYPE 6-01

Other Type · 1 SKU



ITEM NUMBER

W

L

H

PLATING

B6-15055020G-SY

1.5

5.5

2.0

Gold

Thickness 0.1 mm · Beryllium Copper (BeCu) · Tape & Reel · mm ± 0.2



Seyunda PTE LTD

Send your drawing or sample for a quotation.

CONTACT

Phone **+65 9168 2618**Email **sales@seyunda.com**Web **seyunda.com**