| 1 | 2A | 3 | 2B | 4 | 5 | 6 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| BACC63BV | 16 | H | 24 | S | 6 | H |
| SHELL STYLE | SHELL SIZE | PLATING/ MATERIAL | LAYOUT | CONTACT | KEYING | MODIFIER |

WHEN CHOOSING LAYOUT: First Number = Step 2A - Shell Size, Dash = Step 3-Coupling Style, Second Number = 2B - Layout

## STEP 1: SELECT SHELL STYLE, PLUG OR RECEPTACLE



## BACC63BV

Wall Mount Square Flange High Vibration
$\qquad$
PLUGS

## BACC63BP

Plug - Self Locking (See BACC63BP Create Your Part Number)

## STEP 2: SELECT LAYOUT

| LAYOUT NUMBER | SERVICE RATING | CONTACTS |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | TOTAL NUMBER | 20 | 16 | 12 (1) | $8(2)$ |
| 8-3 | 1 | 3 | 3 |  |  |  |
| 10-2 | I | 2 | 2 |  |  |  |
| 10-5 | I | 5 | 5 |  |  |  |
| 10-20 | I | 2 |  | 2 |  |  |
| 12-3 | 1 | 3 |  | 3 |  |  |
| 12-12 | I | 12 | 12 |  |  |  |
| 14-3 | 1 | 3 |  | 2 |  | 1* |
| 14-4 | 1 | 4 |  |  | $4^{* *}$ |  |
| 14-7 | 1 | 7 |  | 7 |  |  |
| 14-12 | I | 12 | 9 | 3 |  |  |
| 14-15 | 1 | 15 | 15 |  |  |  |
| 16-10 | I | 10 |  | 10 |  |  |
| 16-24 | 1 | 24 | 24 |  |  |  |
| 18-8 | I | 8 |  |  | 8** |  |
| 18-11 | I | 11 |  | 10 |  | 1* |
| 18-14 | 1 | 14 |  | 14 |  |  |
| 18-31 | I | 31 | 31 |  |  |  |
| 20-16 | 1 | 16 |  | 16 |  |  |
| 20-25 | I | 25 | 19 |  | $6^{* *}$ |  |
| 20-28 | I | 28 | 24 |  | 4** |  |
| 20-39 | I | 39 | 37 | 2 |  |  |
| 20-41 | I | 41 | 41 |  |  |  |
| 22-12 | 1 | 12 |  |  | $12^{* *}$ |  |
| 22-19 | 1 | 19 |  | 19 |  |  |
| 22-32 | I | 32 | 26 |  | 6** |  |
| 22-55 | I | 55 | 55 |  |  |  |
| 24-30 | I | 30 |  | 30 |  |  |
| 24-43 | 1 | 43 | 23 | 20 |  |  |
| 24-57 | I | 57 | 55 |  | $2^{* *}$ |  |
| 24-61 | 1 | 61 | 61 |  |  |  |
| 28-42 | 1 | 42 |  | 42 |  |  |

[^0]
## STEP 3: SELECT PLATING/MATERIAL

A = Anodized Aluminum with Rear Accessory Teeth Per MS3155 (Inactive Superceeded by H)
B = Stainless Steel with Rear Accessory Teeth Per MS3155 (most popular)
F = Cadmium Plated Aluminum with Rear Accessory TeethPer MS3155 (most popular)
R = Anodized Aluminum with Rear Accessory Teeth Per MIL-DTL-83723 (Inactive Superceeded by A)
S = Stainless Steel with Rear Accessory Teeth Per MIL-DTL-83723 (Inactive Superceeded by B and -)

- = Stainless Steel with Rear Accessory Teeth Per MIL-DTL-83723 (Inactive Superceeded by B)

H = Anodized Aluminum with Rear Accessory Teeth Per MS3155 (most popular)

## STEP 4: SELECT CONTACT

$$
\mathbf{P}=\text { Pin } \quad \mathbf{S}=\text { Socket }
$$

## STEP 5: SELECT KEYING




| SHELL SIZE | POLARIZATION | A | B | C | D | SHELL SIZE | POLARIZATION | A | B | C | D |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 8 AND 10 | NORMAL | $105^{\circ}$ | $140^{\circ}$ | $215^{\circ}$ | $265^{\circ}$ | 12 THRU 28 | NORMAL | $105^{\circ}$ | $140^{\circ}$ | $215^{\circ}$ | $265{ }^{\circ}$ |
|  | 6 | $102^{\circ}$ | $132^{\circ}$ | $248^{\circ}$ | $320^{\circ}$ |  | 6 | $18^{\circ}$ | $149^{\circ}$ | $192^{\circ}$ | $259{ }^{\circ}$ |
|  | 7 | $80^{\circ}$ | $118^{\circ}$ | $230^{\circ}$ | $312^{\circ}$ |  | 7 | $92^{\circ}$ | $152^{\circ}$ | $222^{\circ}$ | $342^{\circ}$ |
|  | 8 | $35^{\circ}$ | $140^{\circ}$ | $205^{\circ}$ | $275^{\circ}$ |  | 8 | $84^{\circ}$ | $152^{\circ}$ | $204^{\circ}$ | $334{ }^{\circ}$ |
|  | 9 | $64^{\circ}$ | $155^{\circ}$ | $234^{\circ}$ | $304^{\circ}$ |  | 9 | $24^{\circ}$ | $135^{\circ}$ | $199^{\circ}$ | $240^{\circ}$ |
| 10 | 10 | $25^{\circ}$ | $115^{\circ}$ | $220^{\circ}$ | $270^{\circ}$ |  | 10 | $98^{\circ}$ | $152^{\circ}$ | $268^{\circ}$ | $338^{\circ}$ |

## STEP 6: SELECT MODIFIER

$\begin{aligned} & \mathrm{H}= \text { Without contacts and Seal Plugs } \\ & \text { Note: } \mathrm{H} \text { is not marked on part }\end{aligned}$

Blank = Without contacts and Seal Plugs


[^0]:    * Shielded Contact ** Power Contact supplied, can be interchanged with Shielded contact (Boeing Size) Reference

