

# AS Heavy Duty (ASHD) Series Connectors



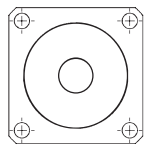
## Autosport design for high current motorsport applications

- Early break / Late mate on data contacts for safety
- Cable accommodation from 16mm<sup>2</sup> - 70mm<sup>2</sup>
- Positive locking coupling mechanism



## High performance materials

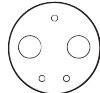
- Environmentally sealed
- Thermal cycle tested
- Heavy duty rated
- Crimp type solid and gold plated copper contacts



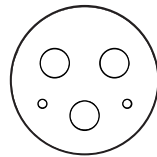
SuperASHD Single  
70mm<sup>2</sup> contact



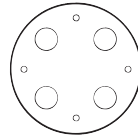
ASHD14-1  
(1 x AWG 4)



AS 22-24320  
(2 x AWG 4, 3 x AWG 20)



AS 24-34220  
(3 x AWG 4, 2 x AWG 20)



AS 24-44420  
(4 x AWG 4, 4 x AWG 20)

All dimensions are in mm unless otherwise stated.

## CONTACTS & TOOLING PART NUMBERS

Contact Size	Socket	Pin	Filler Plug	Ins/Ext Tool	Crimp Tool	Socket Positioner	Pin Positioner
20	38943-20	38941-20	600300-20	M81969/14-10	M22520/2-01	M22520/2-10	M22520/2-10

Please note: PCB versions are ordered with AS2 prefixes and come with contacts.

Wire Size	Split-Finger Socket	Hyperboloid Socket	Pin	Ext Tool	Crimp Tool	Jaws	Contact	Max. Current
16mm	61103-016	605739	605734	610136-Tool	605773	605774	20	7.5
25mm	61103-025	605654	605660			605775	4	200
35mm	61103-035	605740	605735			605776	0**	300

\*For use with part numbers ASHD022-24320SN-S04 and ASHD622-24320PIN-004

\*\* Super ASHD only

Application Note: Due to potential high current, we would recommend that the product be suitably insulated with the appropriate materials.

## ORDERING INFORMATION

ASHD \* \* - \* \* \* - \*\*\* - \*\*\*\*

Range Ref: \_\_\_\_\_

Style: \_\_\_\_\_  
 0  
 1  
 2 (ASHD size 14 only)  
 6

Shell Size: \_\_\_\_\_  
 14 = ASHD  
 22 = ASHD 2-Way and SuperASHD  
 24 = ASHD 3 and 4-Way

Contact Arrangement: \_\_\_\_\_  
 1 = (ASHD)  
 24320 = (size 22)  
 34220 = (size 24) 3-Way  
 44420 = (size 24) 4-Way  
 1 = (Super ASHD)

Insert Type: \_\_\_\_\_  
 P = Pin  
 S = Socket

Shell Keyways: \_\_\_\_\_  
 N = Red (standard)  
 A = Yellow  
 B = Blue  
 C = Orange  
 D = Green  
 E = Grey

Harsh Environment: \_\_\_\_\_  
 Contact Size Code  
 016  
 025  
 035

Modification Code: \_\_\_\_\_