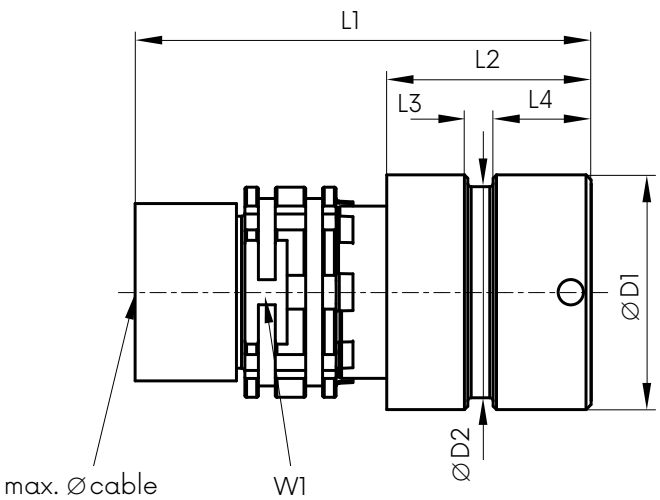


R3 — Quick-Clean™, Cable Receptacle with Solder-Cup Contacts

R3 cable receptacles mate with all Series 360® plugs. Factory-installed spring probe contacts within the connector create a reliable connection every time. Spring-loaded pin contacts are pre-installed. Shell body is sleek, light-weight yet rugged.



Sample Part Number Format: SQR3-A007AA-Y30-RP

S	Q	R3	-			A	A	-	Y	3	0	-	R	P
SERIES S – Series 360 Circulars	FAMILY Q – Quick-Clean™	BODY R3 – Receptacle, In-Line Cable		SHELL SIZE A 007 B 010 C 016 D 019	CONTACT #	LAYOUT A – Standard	KEYING A – Light Brown* B – Red C – Blue D – Green *Option A is readily available; options B, C, & D may have extended lead times.		CONTACT TYPE Y – Spring Solder-Cup	TERMINATION FINISH 3 – Gold	GROUND PIN 0 – No		SHELL FINISH R – Ruthenium	INSULATOR MATERIAL P – Peek

- Notes:**
- For technical data, see page 54.
 - For contact configuration, see page 56-58.
 - Shield termination is achieved using a crimp tool & accompanying crimp ring. For more information, see pages 66-70.
 - For contact diameter & termination cross section, see page 59.



Solder-Cup

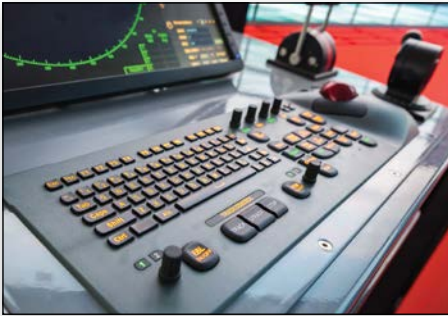
NOTE: Please consult airborn.com to configure your part number and for the latest revision controlled drawing and technical data.

Shell Size	Dimensions in mm (inches)															
	L1		L2		L3		L4		D1		D2		W1		Max Cable	
A	25.0	(0.98)	13.0	(0.51)	1.5	(0.06)	5.8	(0.23)	11.9	(0.47)	10.5	(0.41)	9.0	(0.35)	5.5	(0.22)
B	27.0	(1.06)	12.1	(0.48)	1.5	(0.06)	5.8	(0.23)	13.9	(0.55)	12.5	(0.49)	11.0	(0.43)	6.5	(0.26)
C	27.0	(1.06)	12.0	(0.47)	1.5	(0.06)	5.8	(0.23)	15.9	(0.63)	14.5	(0.57)	12.0	(0.47)	8.0	(0.31)



Wire Size Recommendation

Contact Size		Wire Size
mm	Inches	
.6	.02	30-26 AWG



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