

ACCELERATE®

(0.635 mm) .025"

ARF6-08-S-RA-TR



ARF6-16-S-RA-TR



ARF6-RA SERIES

# RUGGED RIGHT-ANGLE SLIM SOCKET

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ARF6-RA](http://www.samtec.com?ARF6-RA)

**Insulator Material:**

LCP, Black

**Contact Material:**

Copper Alloy

**Shield Material:**

Phosphor Bronze

**Plating:**

Au or Sn over

50 μm (1.27 μm) Ni

**Operating Temp Range:**

-40 °C to +125 °C

Mates with:  
ARC6

PAM 4	NRZ
56 Gbps	28 Gbps

Rugged metal latching and shielding

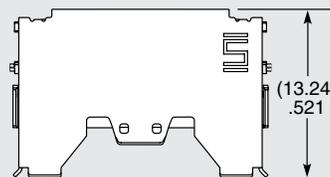
8, 16 and 24 pair configurations

Rugged through-hole reflowable weld tabs

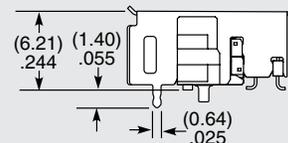
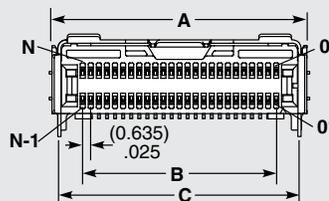
ARF6	NO. OF PAIRS	PLATING	RA	"X"R
	-08 = 8 Pairs	-S = 30 μm (0.76 μm) Gold on contact area, Matte Tin on tail	RA	-TR = Tape & Reel
	-16 = 16 Pairs			-FR = Full Reel Tape & Reel (must order max. quantity per reel; contact Samtec for quantity breaks)
	-24 = 24 Pairs			



## APPLICATION



NO. OF PAIRS	A	B	C	N	N-1
-08	(12.46) .491	(7.62) .300	(11.30) .445	26	25
-16	(20.08) .791	(15.24) .600	(18.92) .745	50	49
-24	(27.70) 1.091	(22.86) .900	(26.54) 1.045	74	73



ARF6-16-X-RA SHOWN

**Notes:**

Tape & Reel packaging is standard.

Some sizes, styles and options are non-standard, non-returnable.

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