



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

Insulator Material:

LCP, Black

Contact Material:

Copper Alloy

Shield Material:

Phosphor Bronze

Plating:

Au or Sn over

50 μ " (1.27 μ m) Ni

Operating Temp Range:

-40 °C to +125 °C

Mates with:
ARC6

PAM4

56
Gbps

NRZ

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

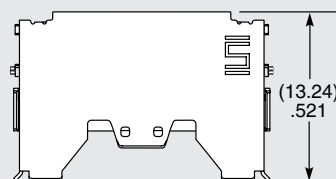
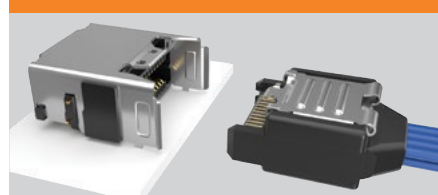
-08
= 8 Pairs-16
= 16 Pairs-24
= 24 Pairs

-S
= 30 μ " (0.76 μ m) Gold on contact area,
Matte Tin on tail

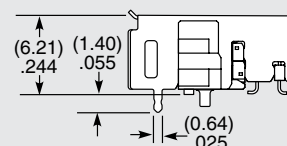
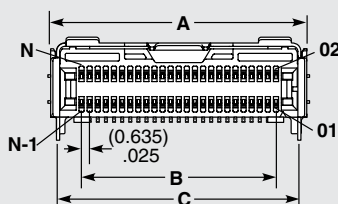
-TR
= Tape & Reel

-FR
= Full Reel
Tape & Reel
(must order max.
quantity per reel;
contact Samtec for
quantity breaks)

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.

WWW.SAMTEC.COM

Unless otherwise approved in writing by Samtec, all parts and components are designed and built according to Samtec's specifications which are subject to change without notice.