PLUG: RA3D2–059–3EA–5900
XXXXX–XXX–XXX–XXXX

SERIES	
RA	.075" Screw Machine PC Connector

BODY	
3	3-Row

	BODY STYLE:
A	Plug, straight, w/ potting well, w/ mounting ears
B	Plug, straight, w/ potting well, w/out mounting ears
C	Plug, straight, w/out potting well, w/ mounting ears
D	Plug, straight, w/out potting well, w/out mounting ears

	BODY MATERIAL:
2	Polyphenylene sulfide (PPS)

SIZE	
	011, 023, 035, 047, 059, 071, 080, 104

CONTACTS	
	TYPE CONTACTS/TERMINATIONS:
1	Pin, crimp, 28-30 awg. contact
3	Pin, crimp, 22-26 awg. contact

	WIRING OPTIONS:
XX	See wiring codes at right

HARDWARE	
	STYLE OF HARDWARE:
0256	None
Guide Hardware	
5500	Guide set
5501-5568	Guide set, polarized (see page R-38)
5570	Guide set, polarized, same as 5501 without Loctite® (to be keyed by customer)
5700	Two guide pins
5800	Two guide sockets
Jacking Hardware	
2900	Fixed jackset
3000	Fixed jackset, reversed
1900	Two fixed jackscrews
2000	Two fixed jacksockets
5900	Hex turning jackset, .200" knob
6000	Hex turning jackset, reversed, .200" knob
6100	Two hex turning jackscrews, .200" knob
6200	Two hex turning jacksockets, .200" knob
6400	Turning jackset, .490" knob
6500	Turning jackset, reversed, .490" knob
6600	Two turning jackscrews, .490" knob
6700	Two turning jacksockets, .490" knob

⊠ = Option not RoHS compliant

If potting well is used with a pre-wired connector, it will be potted and not repairable.
If potting well is not used with a pre-wired connector, it will not be potted.
Contacts that are not potted in place can be removed and replaced only one time.
See page R-33.4 for crimp instructions, contact insertion and contact removal tools.

WIRE CODES

TYPE and COLOR

Code	Size	Color
Mil-W-16878/4		
A	22 awg	Ten repeating
B	22 awg	White
C	24 awg	Ten repeating
D	24 awg	White
E	26 awg	Ten repeating
F	26 awg	White
G	28 awg	Ten repeating
H	28 awg	White
J	30 awg	Ten repeating
K	30 awg	White
Mil-W-22759/33		
L	22 awg	Ten repeating
M	22 awg	White
N	24 awg	Ten repeating
P	24 awg	White
R	26 awg	Ten repeating
S	26 awg	White
T	28 awg	Ten repeating
U	28 awg	White
V	30 awg	Ten repeating
W	30 awg	White

LENGTH

Code	Length (+1"/-0")
A	6"
B	12"
C	18"
D	24"
E	30"
F	36"
G	42"
H	48"
J	54"
K	60"
L	66"
M	72"
N	84"
P	96"
R	108"
S	120"

USING WIRE CODES:

RA3D2–059–3EA–5900

Type and Color ——————— Length

Color sequence for
Ten repeating wire colors:
(Beginning in position #1)
Black
Brown
Red
Orange
Yellow
Green
Blue
Violet
Grey
White

Repeat this sequence until
connector is fully loaded.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[AirBorn](#):
   [M55302/192LC122S](#) [M55302/192LC122X](#) [M55302/192LC152X](#) [M55302/192LC152Y6](#) [M55302/192LC152Y16](#) [M55302/192LC152Y11](#)