

LEAD CONFIGURATION OPTIONS

PLUG: RA3H2-080-4EA-5900
XXXXX-XXX-XXX-XXXX

SERIES

RA .075" Screw Machine PC Connector

BODY

3 3-Row

BODY STYLE:
E Receptacle, straight, w/ potting well, w/ mounting ears
F Receptacle, straight, w/ potting well, w/out mounting ears
G Receptacle, straight, w/out potting well, w/ mounting ears
H Receptacle, 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:
2 Socket, crimp, 28-30 awg. contact
4 Socket, 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-47)
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

[X] = 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-37 for crimp instructions, contact insertion and contact removal tools.

WIRE CODES

TYPE and COLOR			LENGTH	
Code	Size	Color	Code	Length (+1"/-0")
Mil-W-16878/4				
A	22 awg	Ten repeating	A	6"
B	22 awg	White	B	12"
C	24 awg	Ten repeating	C	18"
D	24 awg	White	D	24"
E	26 awg	Ten repeating	E	30"
F	26 awg	White	F	36"
G	28 awg	Ten repeating	G	42"
H	28 awg	White	H	48"
J	30 awg	Ten repeating	J	54"
K	30 awg	White	K	60"
Mil-W-22759/33				
L	22 awg	Ten repeating	L	66"
M	22 awg	White	M	72"
N	24 awg	Ten repeating	N	84"
P	24 awg	White	P	96"
R	26 awg	Ten repeating	R	108"
S	26 awg	White	S	120"
T	28 awg	Ten repeating		
U	28 awg	White		
V	30 awg	Ten repeating		
W	30 awg	White		

USING WIRE CODES:

RA3H2-080-4EA-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.