

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	
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-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 jackscrews 5900 Hex turning jackset, .200" knob 6000 Hex turning jackset, reversed, .200" knob 6100 Two hex turning jackscrews, .200" knob 6200 Two hex turning jackscrews, .200" knob 6400 Turning jackset, .490" knob 6500 Turning jackset, reversed, .490" knob 6600 Two turning jackscrews, .490" knob 6700 Two turning jackscrews, .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			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.