

MS-253-037-325-220S PLUG: **RECEPTACLE:** MS-263-037-435-220S

XX-XXX-XXX-XXX-XXXX

CONTACTS OPTIONS BODY **SERIES** SIZE **HARDWARE** 

#### **PLUG**

#### **SERIES**

.050" Low Profile Metal PC Board Mount Connector MR .050" Low Profile Plastic PC Board Mount Connector (MS & MR mate with MP, MQ, MR, MS, receptacles)

#### **BODY**

- 2-Row (Sizes 9 thru 37)
- 3-Row (Size 51)

**BODY STYLE:** 

- 5 Plug, right angle, narrow footprint, w/ mounting holes **BODY MATERIAL:**
- Polyphenylene Sulfide (MR only)
- Electroless nickel shell w/ PPS insulator
- Electrodeposited cadmium shell w/ PPS insulator 

  区
- Hard anodized black shell w/ PPS insulator

#### SIZE

XXX 009, 015, 021, 025, 031, 037, 051

#### **CONTACTS**

TYPE CONTACTS/TERMINATIONS:

- Pin, right angle, PCB leads, .109"
- Pin, right angle, PCB leads, .140"
- Pin, right angle, PCB leads, .172"

PLATING OPTIONS:

- 50 u" Au contacts: Au terminations
- 50 μ" Au contacts; Sn/Pb alloy terminations ⊠
- 50 u" Au contacts; SAC305 terminations

#### **HARDWARE**

STYLE OF HARDWARE:

- Two fixed jacknuts
- Two turning jackscrews, allen head, retaining ring\*
- Keying hardware, see options below (Body material 2, 3 and 4 only)

POLARIZATION / WIRING:

- ٥R Reversed body polarization
- Standard body polarization

#### **OPTIONS**

Two fixed jacknuts Threaded inserts 905

#### NOTES

See page MA-6 for keying options

- \* = Connector body has no mounting holes.

#### **RECEPTACLE**

#### **SERIES**

.050" Low Profile Metal PC Board Mount Connector MS .050" Low Profile Plastic PC Board Mount Connector (MS & MR mate with MP, MQ, MR, MS plugs)

#### **BODY**

- 2-Row (Sizes 9 thru 37)
- 3-Row (Size 51)

**BODY STYLE:** 

- 6 Receptacle, right angle, narrow footprint, w/ mounting holes **BODY MATERIAL:**
- Polyphenylene Sulfide (MR only) 1
- Electroless nickel shell w/ PPS insulator
- Electrodeposited cadmium shell w/ PPS insulator ⊠
- Hard anodized black shell w/ PPS insulator

#### SIZE

XXX 009, 015, 021, 025, 031, 037, 051

#### **CONTACTS**

- TYPE CONTACTS/TERMINATIONS:
- Socket, right angle, PCB leads, .109" 43
- Socket, right angle, PCB leads, .140"
- Socket, right angle, PCB leads, .172"

PLATING OPTIONS:

- 50 u" Au contacts: Au terminations 3
- 50 µ" Au contacts; Sn/Pb alloy terminations ⊠
- 50,u" Au contacts; SAC305 terminations

#### **HARDWARE**

STYLE OF HARDWARE:

- 00
- 22 Two fixed jacknuts
- Two turning jackscrews, allen head, retaining ring\* 41
- Keying hardware, see options below (Body material 2, 3 99 and 4 only)

POLARIZATION / WIRING:

- ٥R Reversed body polarization
- 0S Standard body polarization

## **OPTIONS**

Two fixed jacknuts 905 Threaded inserts

### NOTES

See page MA-6 for keying options

- \* = Connector body has no mounting holes.

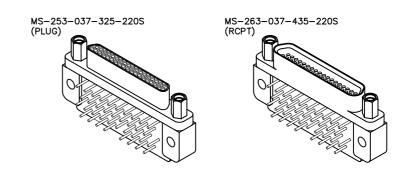


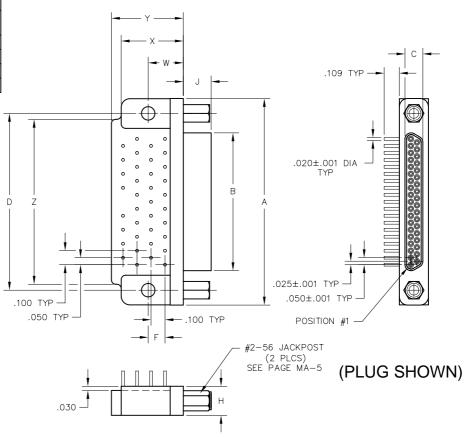
# Right Angle Boardmount Low Profile (Narrow Footprint)

.050" 9 thru 51 Contacts

# MS, MR

MATING MATRIX									
CONNECTOR	MATES WITH								
MS-25	MP, MQ, MR, MS receptacles								
MR-25	MP, MQ, MR, MS receptacles								
MS-26	MP, MQ, MR, MS plugs								
MR-26	MP, MQ, MR, MS plugs								





	DIMENSIONS																
SIZE	CONTACT ROWS	- A	E	В С		)				J			V				MOUNTING
			PLUG MAX	RCPT MAX	PLUG MAX	RCPT MAX	D	F	Н	PLUG	RCPT	w	мÂх	MAX	Z	HARDWARE	HOLE
9		.778	.292	.378	.134	.965 1.115 1.265	.565	.020		3 .199	.180	.250	.420	.420	.775	#2-56 UNC THD	.096 DIA OR #2-56 UNC THREADED INSERT
15	2	.928	.442	.528			.715								.925		
21		1.078	.592	.678			.865	100	.208						1.075		
25		1.178	.692	.778			.965	.120							1.175		
31		1.328	.842	.928			1.115						.450	.520	1.080		
37		1.478	.992	1.078			1.265								1.180		
51	3	1.428	.942	1.028	.177		.150	.250			.300	.425	.650	1.220			

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