**The Amphenol MMCX series is the next generation of micro-miniature connectors.
Offering a reliable broadband performance from DC to 6 GHz.
These 50 ohm connectors incorporate the industry-approved MMCX interface, assuring reliable snap-on/quick-disconnect mating and proven electrical performance.
It's low-profile PCB receptacles make this series ideal for high-volume cellular, GPS and wireless base station applications.**

Electrical Specifications

Impedance	50 ohm
Frequency range	0-6 GHz
Working voltage	170 VRMS max. at sea level
Dielectric withstanding voltage	500 VRMS min. at sea level
VSWR	Straight 1.3 max. Right angle 1.5 max.
Contact Resistance	Center contact 5 milliohms max. Outer conductor 2.5 milliohms max.
Insulator resistance	1000 Megohms min.

Material Specifications

Parts Name		Material	Finish
Body, Metal parts		Brass per QQ-B-626	Nickel or gold per requirement
Center Contacts	Male	Brass per QQ-B-626	Gold plated
	Female	Beryllium copper, per QQ-C-530	Gold plated
Insulators		PTFE	None
Crimp ferrules		Annealed copper	Nickel or gold per requirement

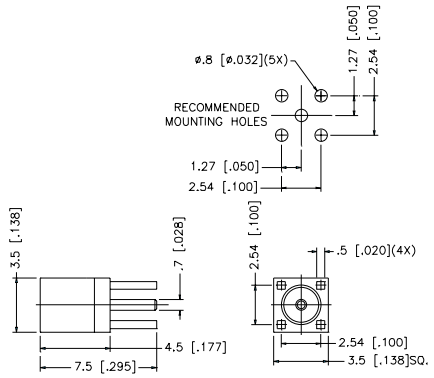
Mechanical Specifications

Engagement force	3.4 lbs max.
Disengagement force	1.4 lbs - 4.4 lbs
Contact retention	2.3 lbs. Min.
Durability (matings)	500 cycles min.

Printed circuit Board Connectors

Straight Jack for P.C. Board

P.N.	Cable Group	Plt.	Ins.	Imp.	Cable Tool
MMCX6251N1-3GT30G-50	N/A	Gold	Teflon	50	N/A
MMCX6251N2-3GT30G-50 surface mount	N/A	Gold	Teflon	50	N/A



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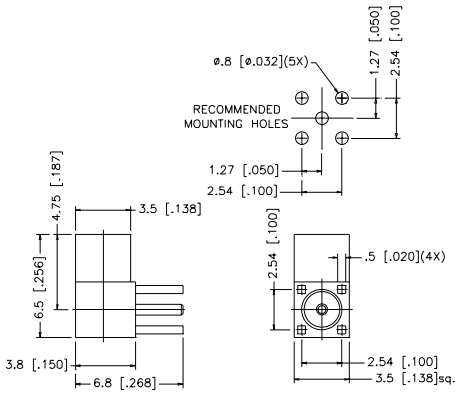
Right Angle Jack for P.C. Board

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
MMCX6252N1-3GT30G-50	N/A	Gold	Teflon	50	N/A



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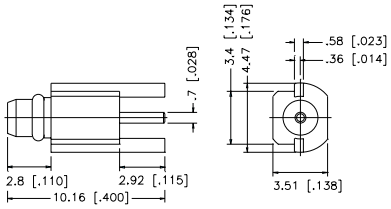
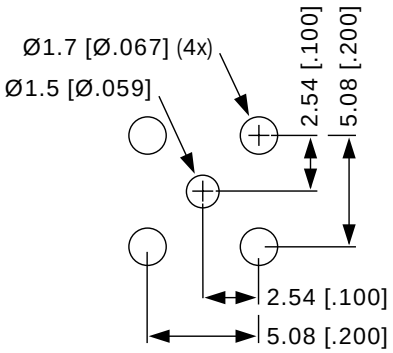
Edge Card or Vertical Mount Plug for P.C. Board

P.N.	Cable Group	Plt.	Ins.	Imp.	Crimp Tool
MMCX1251S1-3GT30G-50	N/A	Gold	Teflon	50	N/A



For Reversed Polarized connectors contact local Amphenol Sales Branch.

Type A



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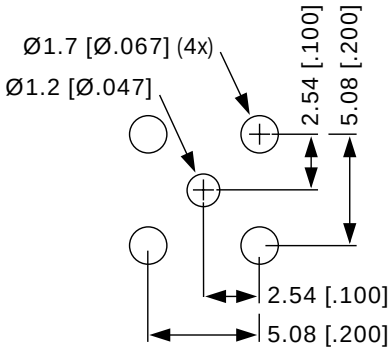

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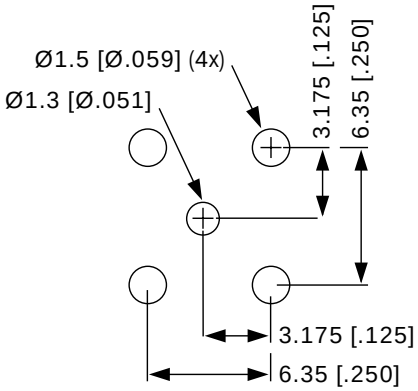

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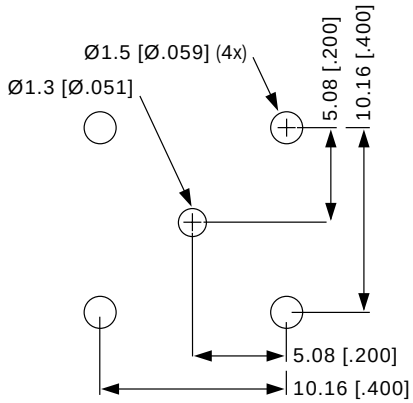

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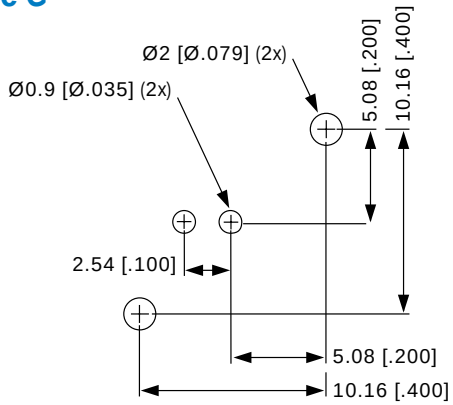

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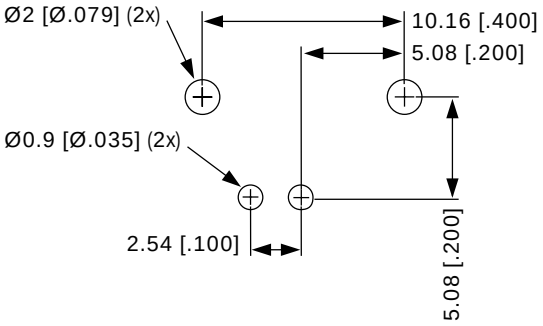

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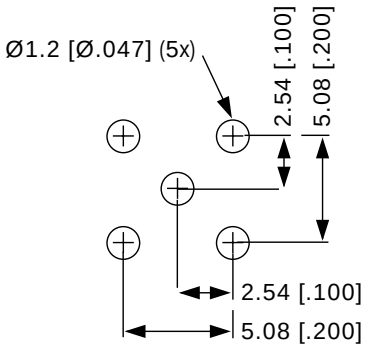

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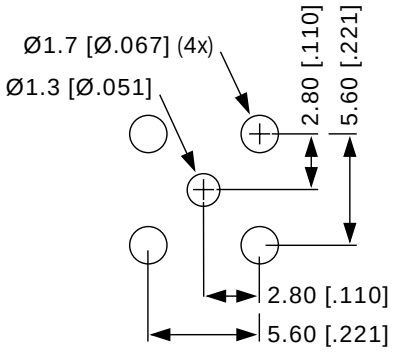
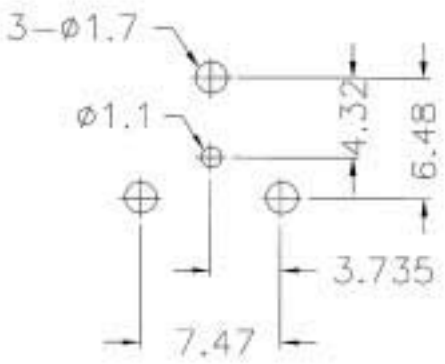


P.C. Board Mounting Hole Specifications

Type E



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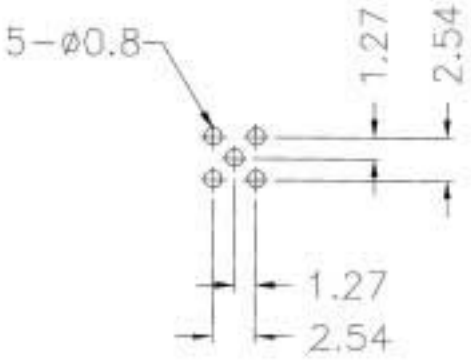
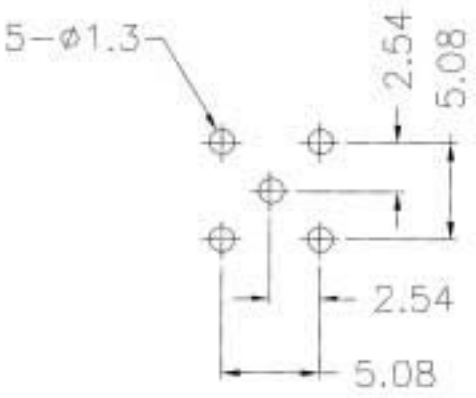
Type P