

PX16 CONNECTORS

High Density Microwave
for PXIe



FEATURES

- 13, 28, and 53-Pin Options
- Backshell-Free Design
- Easy Jacking Engagement/Disengagement
- Enhanced Contact Stability
- Size-16 PkZ® Contacts Pre-Cabled
- 300 MHz to 67 GHz
- Variety of 50 Ohm Cables
- Constant Impedance over a Broad Axial Mating Tolerance
- Single PXI Slot Efficiency

APPLICATIONS

- PXIe Instrument Modules
- Test & Measurement
- Broadcast
- Medical
- Military

SPECIFICATIONS

MATERIALS AND FINISHES

HOUSINGS & CABLE GUIDE PLATES

- Housing: Acetal, Black
- Hardware: Stainless Steel, Passivated
- Guide Pins: Stainless Steel, Passivated

PKZ CONTACTS

- Bodies: Brass Per ASTM B16, Gold Over Nickel
- Contacts: Beryllium Copper Per ASTM B196
Or Brass Per ASTM B16, Gold Over Nickel
- Insulators: Virgin Teflon (PTFE) Per ASTM D1710

ELECTRICAL

HOUSINGS

- Dielectric: 1,000 Volts RMS at Sea Level

PKZ CONTACTS

- Impedance: 50 Ohms
- Frequency: Up to 67 GHz
- Axial Mating: .050"
- Cable Groups: 1.37mm, RG-178, 316, 405, .047", Custom

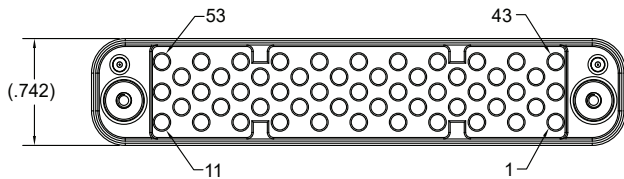


Leading Blindmate Microwave Contact Technology

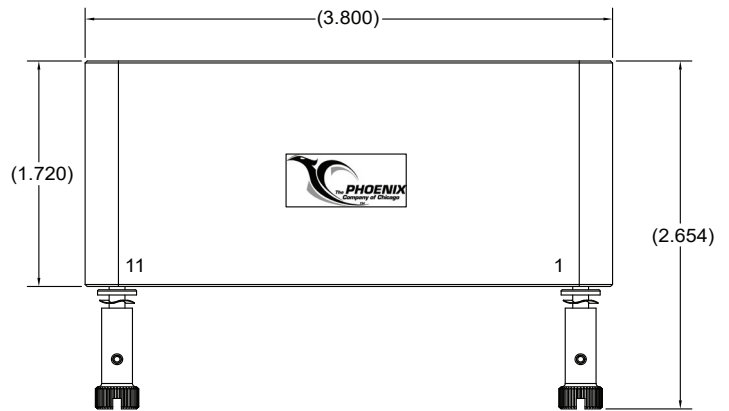
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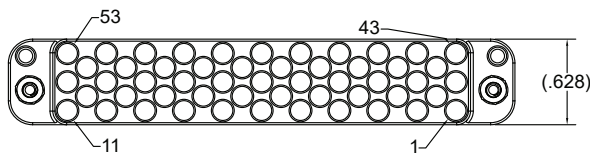
53-PIN PX PLUG HOUSING



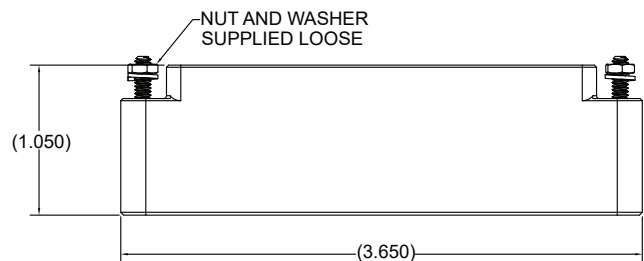
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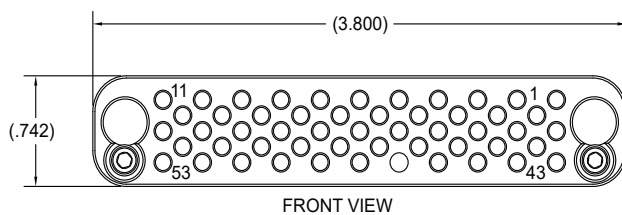
53-PIN PX RECEPTACLE HOUSING



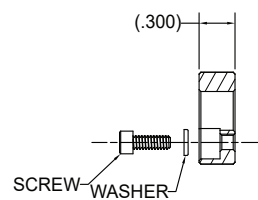
PART NUMBER: PX16FRDX0XA0000



PX16 CABLE GUIDE PLATES



FRONT VIEW



CABLE GUIDE PLATE PART NUMBER	CABLE TYPE	RF CABLE PART NUMBER
PX16FGPK04	0.047	1560000EK000XXX
PX16FGPK03	1.37MM, RG-178, RG-196	156000023000XXX
PX16FGPK02	RG-174, RG-179, RG-189, RG-316	156000007000XXX
PX16FGPK01	RG-405	156000064000XXX

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