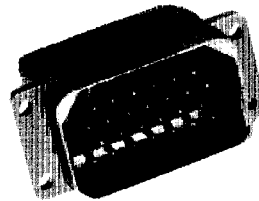
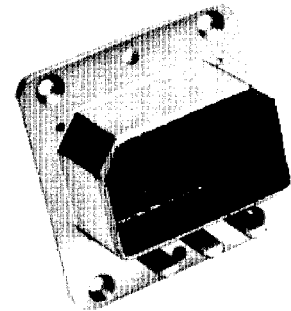


**DPXA – Single Shell DPX**

DPXA connectors are one-piece shell miniature rack/panel connectors. The construction offers high strength and maximum utilization of insert area for contact arrangements accommodating up to 106 contacts. Shells are keystone-shaped for polarization. Operating temperature for the DPXA is -54.2°C to +125°C (-67°F to +257°F).



DPXA-34



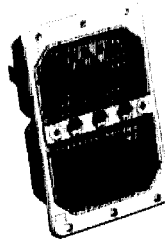
DPXB-33

**DPXB – Polarized ARINC Shell**

DPXB connectors are DPXA connectors with an ARINC B shell. Additional polarization is provided by three hexagonal polarizing posts.

**DPX2 – Two Gang DPX Series**

DPX2 connectors are the original two-gang versions of the DPX, and are made of the same materials and accommodate the same contact arrangements. Keystone shaped shells accommodate two DPX inserts with up to 212 contacts. The DPX2 has three polarizing posts with 99 polarizing positions.



DPX2-34B



DPX2-33B

**DPX2-A – ARINC A Shell**

DPX2-A connectors are DPX2 connectors with an ARINC A shell. This shell type has the receptacle flange placed .344 (8.74) from the front of the engaging portion of the shell, and short aluminum alloy polarizing posts permit polarization before contacts engage.

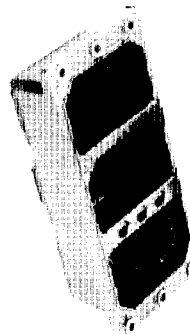
**DPX2-B – ARINC B Shell**

DPX2-B connectors supersede the DPX2-A and have an ARINC B shell. This shell type has the

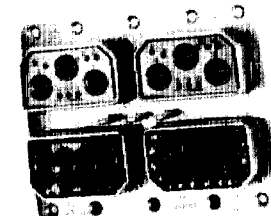
receptacle flange placed .060 (1.52) from the front of the engaging portion of the shell, and polarizing posts permit polarization before the shells engage.

**DPX3 – Three Gang DPX Series**

DPX3 connectors are three-gang versions of the DPX, made of the same materials, and accommodate the same contact arrangements. The three-gang version can therefore accommodate up to a total of 318 in the keystone shaped shells, with three polarizing posts that are capable of providing up to 99 polarizing positions.



DPX3-33



DPX4-33

**DPX4 - Four Gang DPX Series**

DPX4 connectors are four gang versions of the DPX, made of the same materials, and can accommodate four separate arrangements that can total up to 424 contacts. The DPX4 has three polarizing posts with 99 polarizing positions.

**DPX\*MA – LITTLE CAESAR® Contact Assembly**

DPX\*MA connectors are DPX connectors with the LITTLE CAESAR contact assembly for rear insertion, release, and extraction of crimp type contacts. Insertion requires no tool; extraction requires an expendable plastic tool. A hard dielectric, closed-entry socket insert has lead-in chamfers for positive mating of contacts. Contacts are crimpable with the M22501 tool.

**DPX\*ME – Environmental with LITTLE CAESAR Contact Assembly**

DPX\*ME connectors are DPXMA connectors with environmental interfacial and grommet seals, and olive drab shell finish.

**Performance and Material Specifications (DPXA/DPXB/DPX\*MA/DPX\*ME)**

		DPXA/DPXB/DPX2	DPX*MA/DPX2*MA/ME	Specifications
Shell	Material	Aluminum alloy	Aluminum alloy	QQ-A-591/A380
	Finish	Cadmium plate with yellow chromate	Cadmium plate with yellow chromate for MA; olive drab for ME	QQ-P-416
Insulator	Material	Melamine or Phenolic	Diallyl phthalate or epoxy	MIL-M-14
	Material	Copper alloy	Copper alloy	QQ-C-533
Contacts	Finish	Gold	Gold	MIL-G-45204
	Termination	Solder pot	Crimp	N/A
	Material	Die cast	Die cast	
Polarizing Posts	Material	Die cast	Die cast	
	Finish	Cadmium	Cadmium	QQ-P-416
Screws & Lockwashers	Material	Steel	Steel	QQS-630-637
	Finish	Cadmium plate	Cadmium plate	QQ-P-416
Seals	Material	N/A	Silicone	N/A



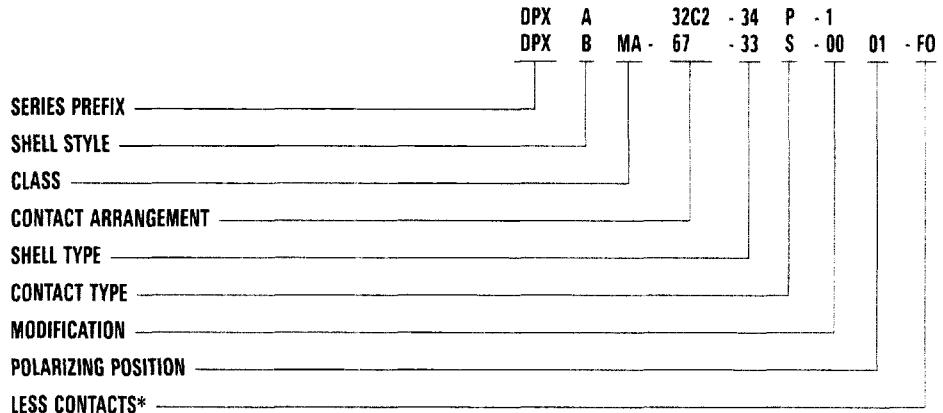
Dimensions are shown in inches (millimeters).  
Dimensions subject to change.

For technical assistance, price or delivery information, call your local technical sales office or distributor.

How to Order

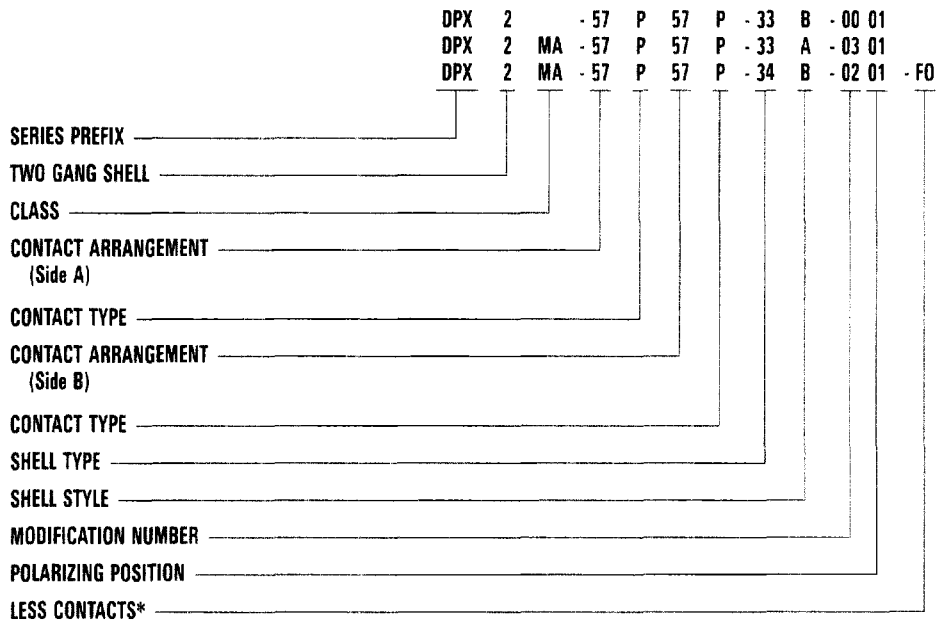
Rack and Panel Connectors

DPXA/DPXB



<b>SERIES PREFIX</b> DPX – ITT Cannon designation	<b>CONTACT ARRANGEMENT</b> 2 thru 106 (see pages 48-52)
<b>SHELL STYLE</b> A – Single shell B – Polarized ARINC shell	<b>SHELL TYPE</b> 33 for plug; 34 for receptacle
<b>CLASS</b> No designator – Solder type MA – Crimp type with LITTLE CAESAR contact assembly ME – Environmental crimp type	<b>CONTACT TYPE</b> P for pin; S for socket
	<b>MODIFICATION</b> DPXA – See page 64 DPXB – See pages 64-67
	<b>POLARIZING POSITION</b> For DPXB shell style only

DPX2



<b>SERIES PREFIX</b> DPX – ITT Cannon designation	<b>CONTACT ARRANGEMENT</b> 2 thru 106 (see pages 48-52)	<b>SHELL STYLE</b> No designator – original two-gang DPX A – ARINC A shell B – ARINC B shell
<b>SHELL</b> 2 – Two gang	<b>CONTACT TYPE</b> P for pin; S for socket	<b>MODIFICATION</b> See pages 64-67
<b>CLASS</b> No designator – Solder type MA – Crimp type with LITTLE CAESAR contact assembly ME – Environmental crimp type	<b>SHELL TYPE</b> 33 for plug; 34 for receptacle	<b>POLARIZING POSITION</b> See pages 67-68

\* Add code FO for LITTLE CAESAR assembly connectors, less contacts only.



For technical assistance, price or delivery information, call your local technical sales office or distributor.

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