

.075 Centerline

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Series

075 P.C. Board & Cable Connectors

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Series

075 P.C. Board & Cable Connectors

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Specifications

"F" Series .075" ϕ

Material and Finish

Molded Insulator:	<i>Glass Filled Polyphenylene Sulfide, Per MIL-DTL-55302.</i>
Pin Contacts:	<i>Copper Alloy per MIL-DTL-55302.</i>
Socket Contacts:	
Contacts:	<i>Be Cu per MIL-DTL-55302.</i>
Terminal:	<i>Copper Alloy per MIL-DTL-55302.</i>
Contact Finish:	<i>Gold Plate per MIL-DTL-55302</i> <i>Localized finish per MIL-DTL-55302.</i>
Hardware:	<i>Stainless Steel per ASTM-A581 or A582. Passivated per SAE-AMS-2700</i>
Guide Sockets, Polarized	<i>Be Cu per ASTM-B196 or B197.</i> <i>Nickel Plated per MIL-DTL-55302</i>
Gasket	<i>Silicone Rubber per A-A-59588.</i>
Tolerance:	<i>Decimals $\pm .010$, Angles $\pm 5^\circ$ unless otherwise specified.</i>
Connector Marking:	<i>Marking shall meet the requirements of MIL-STD-1285 and MIL-STD-202 method 215 for permanency. Pin numbers indicating every fourth position are marked on the side of the connector.</i>

Performance

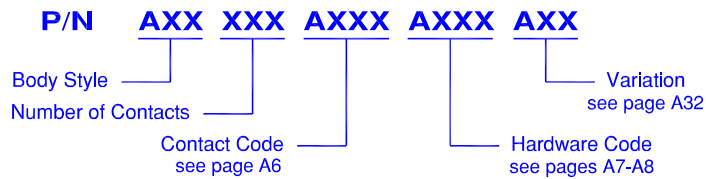
"F" Series .075" ⌀

Wire Size:	#24 AWG Stranded
Contact Rating:	3 ampere maximum per contact
Solderability:	Pretinning meets the requirements of MIL-STD-202, Method 208.
Operating Temp:	-65° to +125°C -85° to +257°F

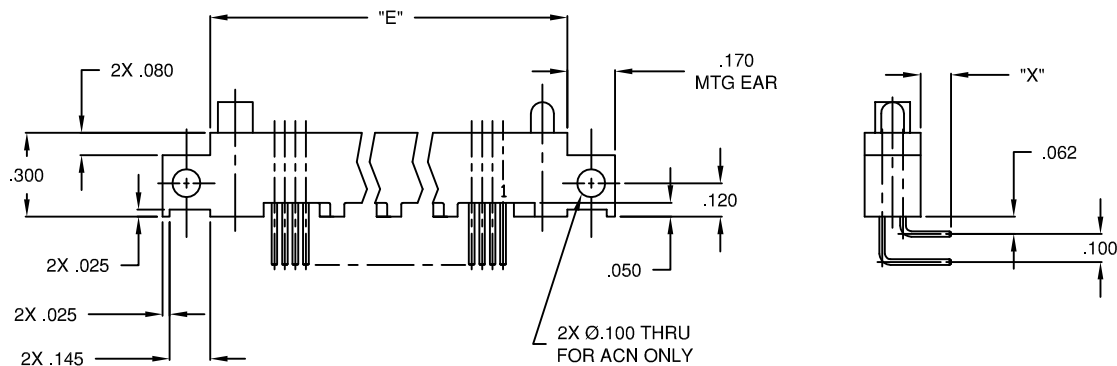
<u>Test</u>	<u>Requirements</u>	<u>Test Method per MIL-DTL-55302</u>
Contact Resistance	Will not exceed .015 ohms on individual contact pair with average not to exceed .007 ohms	EIA364.6
Dielectric Withstanding	750 vrms, 60 Hz @ sea level 250 vrms, 60 Hz @ 70,000 feet 250 vrms, 60 Hz @ 100,000 feet	EIA364.20
Insulation Resistance	5000 megohms minimum @ 500 VDC	EIA/ECA364.21
Durability	500 connector mating cycles	MIL-DTL-55302 para. 4.5.9
Temperature Cycling	5 (1) hr cycles; -65° to +125°C	EIA364.32
Vibration	10-2000 Hz, 15G Peak	EIA364.28
Salt Spray	5% salt spray @ 95°F for 48 hours	EIA/ECA364.26
Shock	100G sawtooth, 6ms	EIA364.27
Humidity	10 days @ 25° to 65°C, 80-98% RH	EIA364.31
Contact Engagement Low Force	4 oz. Maximum with a .0255 dia pin per SAE-AS31971	EIA364.37 & MIL-DTL-55302
Contact Separation Low Force	.5 oz. Minimum with a .0245 dia pin per SAE-AS31971	EIA364.37 & MIL-DTL-55302

.075 SERIES 2 ROW STRAIGHT & RIGHT ANGLE RECEPTACLES

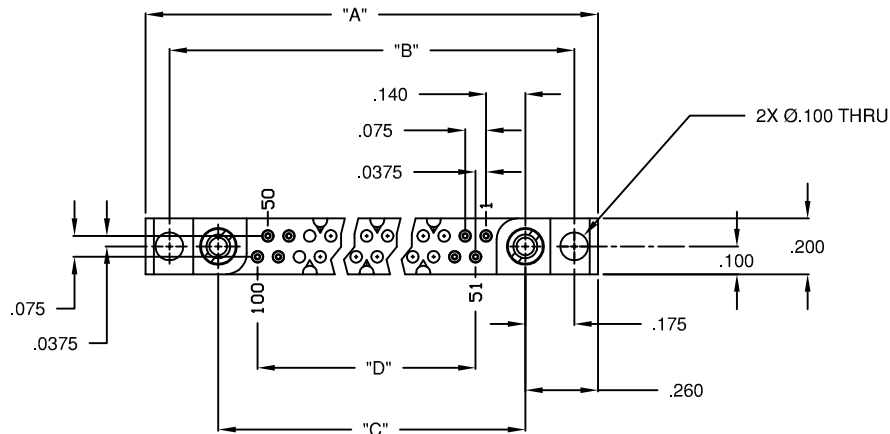
M55302 / 190



No. of Cnt's	Dimensions				
	"A"	"B"	"C"	"D"	"E"
010	1.138	.968	.618	.300	.798
020	1.513	1.343	.993	.675	1.173
030	1.888	1.718	1.368	1.050	1.548
034	2.038	1.868	1.518	1.200	1.698
040	2.263	2.093	1.743	1.425	1.923
044	2.413	2.243	1.893	1.575	2.073
050	2.638	2.468	2.118	1.800	2.298
060	3.013	2.843	2.493	2.175	2.673
070	3.388	3.218	2.868	2.550	3.048
080	3.763	3.593	3.243	2.925	3.423
090	4.138	3.968	3.618	3.300	3.798
100	4.513	4.343	3.993	3.675	4.173



ACT & ACV
CARD EXTENDER



MATING CONNECTORS:

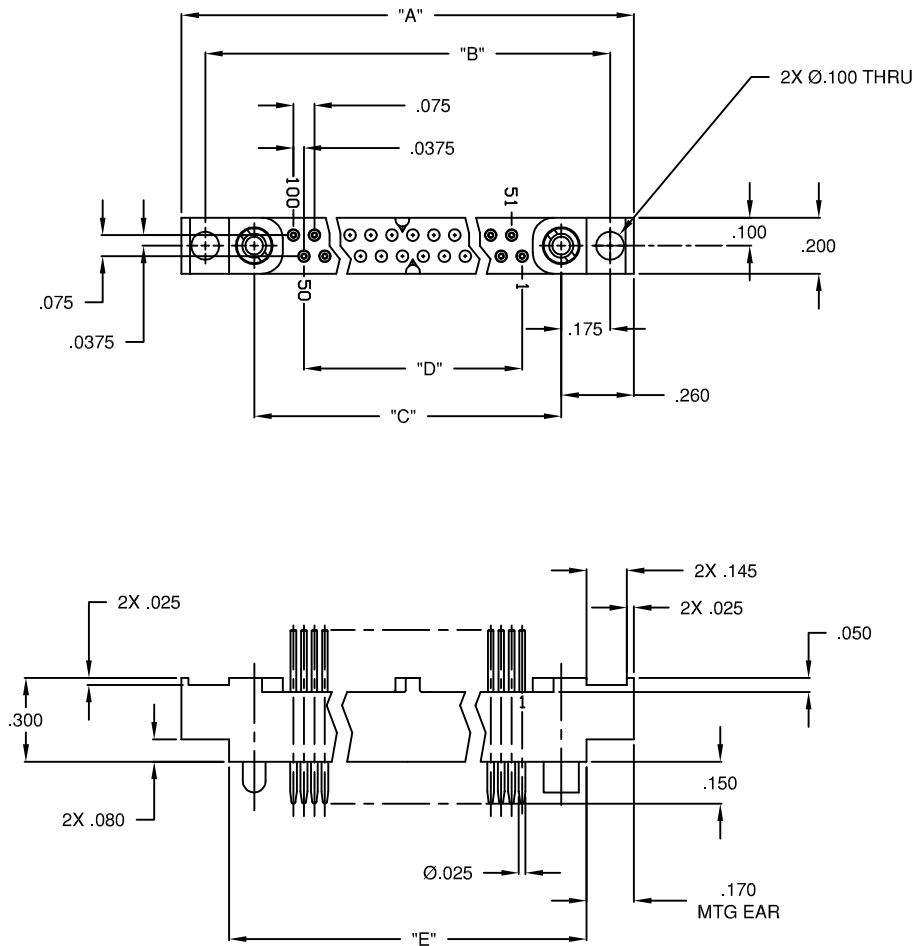
AAE, AAF, ACE ACF, ABA

AAD - AS SHOWN WITH MTG EARS
ACD - WITHOUT MTG EARS
ACT - RIGHT ANGLE WITH MTG EARS
ACV - RIGHT ANGLE WITHOUT MTG EARS
ACN - RIGHT ANGLE WITH RIGHT MTG HOLES

.075 SERIES 2 ROW STRAIGHT PLUG

P/N **AXX** **XXX** **AXXX** **AXXX** **AXX**
 Body Style Variation
 Number of Contacts see page A32
 Contact Code see page A6
 Hardware Code see pages A7-A8

Dimensions					
No. of Cnt's	"A"	"B"	"C"	"D"	"E"
010	1.138	.968	.618	.300	.798
020	1.513	1.343	.993	.675	1.173
030	1.888	1.718	1.368	1.050	1.548
034	2.038	1.868	1.518	1.200	1.698
040	2.263	2.093	1.743	1.425	1.923
044	2.413	2.243	1.893	1.575	2.073
050	2.638	2.468	2.118	1.800	2.298
060	3.013	2.843	2.493	2.175	2.673
070	3.388	3.218	2.868	2.550	3.048
080	3.763	3.593	3.243	2.925	3.423
090	4.138	3.968	3.618	3.300	3.798
100	4.513	4.343	3.993	3.675	4.173



MATING CONNECTORS:

AAD
 ACD
 ACT
 ACV

AAF - AS SHOWN WITH MTG EARS
 ACF - WITHOUT MTG EARS

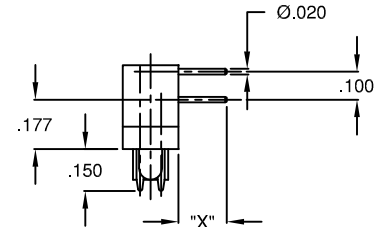
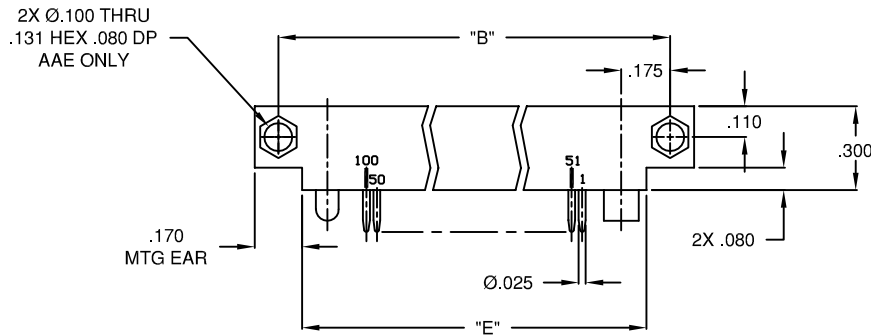
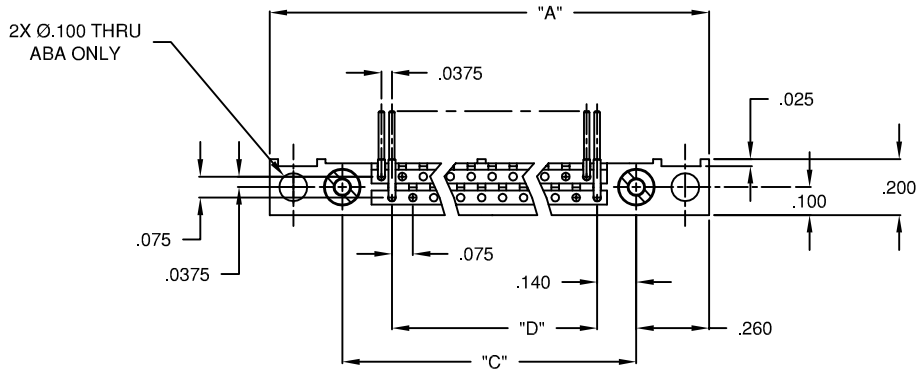
.075 SERIES 2 ROW RIGHT ANGLE PLUG

M55302 / 191

P/N **AXX** **XXX** **AXXX** **AXXX** **AXX**

Body Style Variation
Number of Contacts see page A32
Contact Code see page A6
Hardware Code see page A7-A8

Dimensions					
No. of Cnt's	"A"	"B"	"C"	"D"	"E"
010	1.138	.968	.618	.300	.798
020	1.513	1.343	.993	.675	1.173
030	1.888	1.718	1.368	1.050	1.548
034	2.038	1.868	1.518	1.200	1.698
040	2.263	2.093	1.743	1.425	1.923
044	2.413	2.243	1.893	1.575	2.073
050	2.638	2.468	2.118	1.800	2.298
060	3.013	2.843	2.493	2.175	2.673
070	3.388	3.218	2.868	2.550	3.048
080	3.763	3.593	3.243	2.925	3.423
090	4.138	3.968	3.618	3.300	3.798
100	4.513	4.343	3.993	3.675	4.173



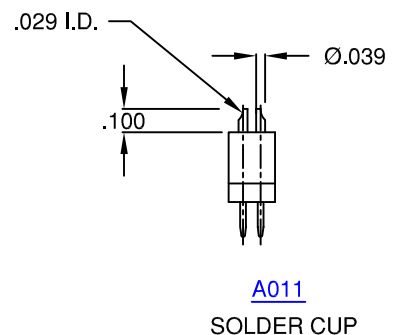
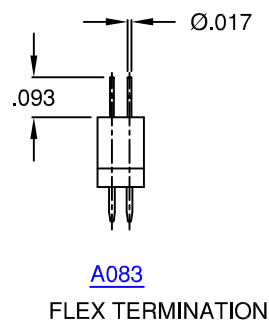
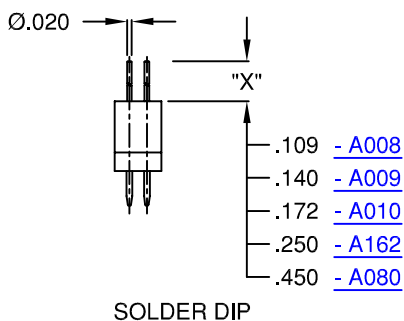
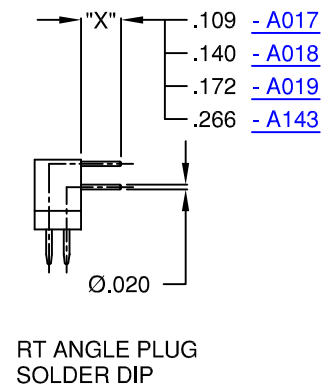
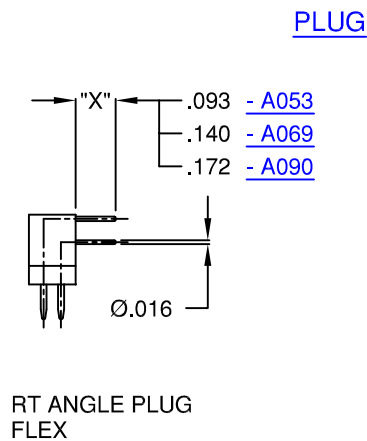
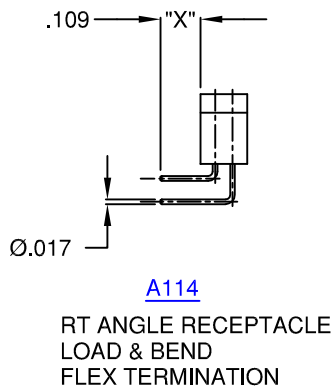
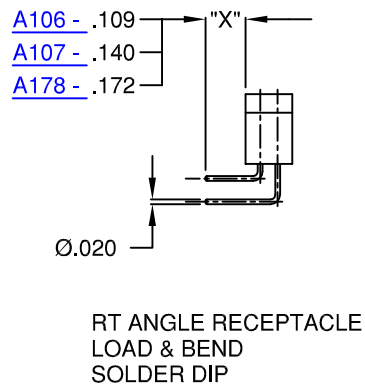
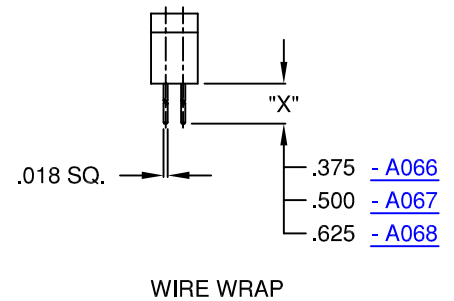
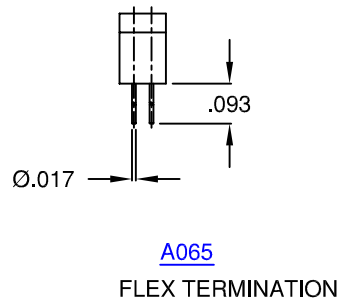
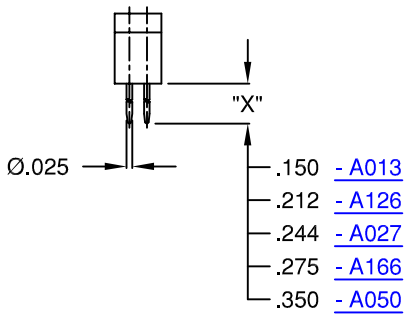
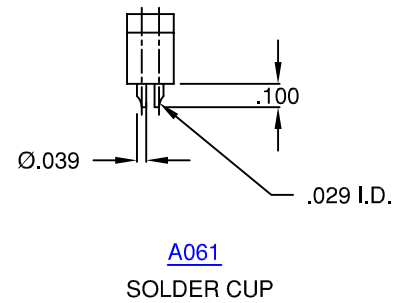
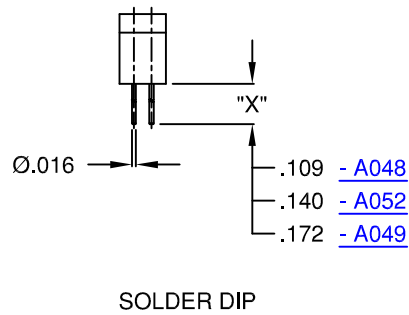
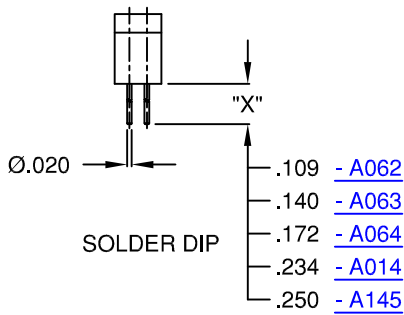
MATING CONNECTORS:

AAD
ACD
ACT
ACV

AAE - AS SHOWN WITH MTG EARS
ABA - SAME AS AAE EXCEPT W/ VERTICAL MTG HOLES
ACE - WITHOUT MTG EARS

.075 SERIES 2 ROW CONTACT CODES

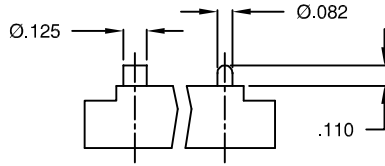
RECEPTACLE



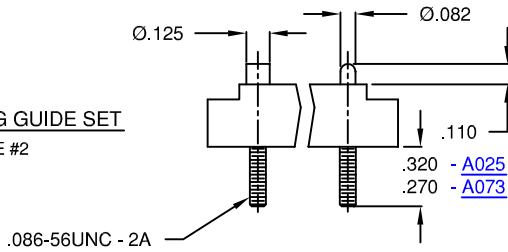
.075 SERIES 2 & 3 ROW HARDWARE CODES

GUIDE SETS

A003 - GUIDE SET
FIGURE #1

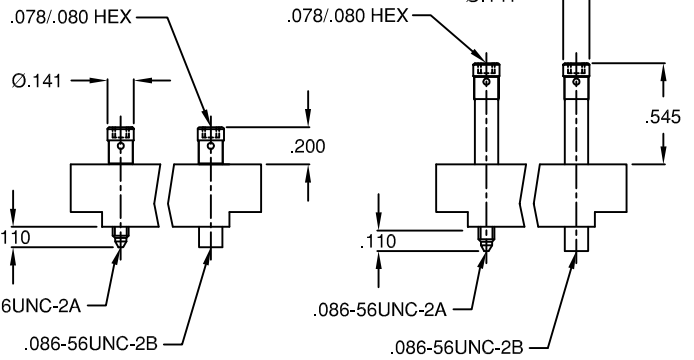


A025 - LONG GUIDE SET
A073 FIGURE #2



CODE	MIL CODE	FIG NO.	HARDWARE DESCRIPTION	MIL APPROVED
A000			NO HARDWARE	
A003	X	1	GUIDE SET	YES
A024		1	GUIDE SET REVERSED	NO
A025		2	LONG GUIDE SET	NO
A029		1	TWO GUIDE PINS	NO
A030		1	TWO GUIDE SOCKETS	NO
A073		2	LONG GUIDE SOCKETS	NO

TURNING HEX JACKSETS

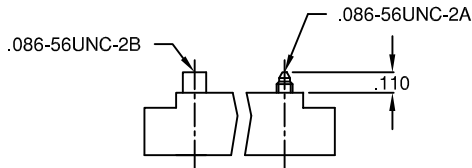


A009 - SHORT TURNING
HEX JACKSET
FIGURE #1

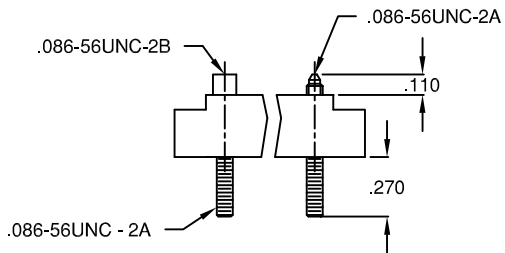
A014 - TURNING HEX JACKSET
FIGURE #2

CODE	MIL CODE	FIG NO.	HARDWARE DESCRIPTION	KNOB LENGTH	MIL APP'D
A000			NO HARDWARE		
A009	S	1	SHORT TURNING HEX JACKSET	.200	YES
A012			SHORT TURNING JACKSET, REVERSED	.200	NO
A014	N	2	TURNING HEX JACKSET	.545	YES
A015			TURNING HEX JACKSET, REVERSED	.545	NO
A032			SHORT TURNING HEX JACKSCREWS (2)	.200	NO

FIXED JACKSETS



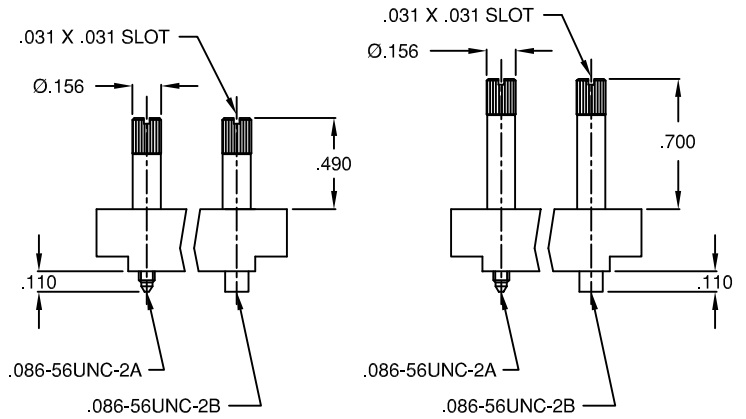
A010 - FIXED JACKSET
FIGURE #1



A065 - FIXED JACKSET, LONG
FIGURE #2

CODE	MIL CODE	FIG NO.	HARDWARE DESCRIPTION	MIL APPROVED
A000			NO HARDWARE	
A002		1	FIXED JACKSET REVERSED	NO
A010	F	1	FIXED JACKSET	YES
A023		1	TWO FIXED JACKSOCKETS	NO
A040		1	TWO FIXED JACKSCREWS	NO
A065		2	FIXED JACKSET, LONG	NO

SLOTTED TURNING JACKSETS

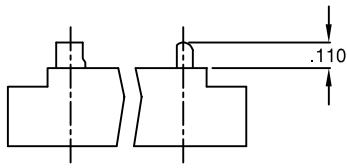


A001 - TURNING SLOTTED
JACKSET
FIGURE #1

A011 - TURNING SLOTTED
JACKSET
FIGURE #2

CODE	MIL CODE	FIG NO.	HARDWARE DESCRIPTION	KNOB LENGTH	MIL APP'D
A000			NO HARDWARE		
A001	M	1	TURNING SLOTTED JACKSET	.490	
A007		2	TURNING SLOTTED JACKSET, REVERSED	.700	
A011	L	2	TURNING SLOTTED JACKSET	.700	
A013		1	TURNING SLOTTED JACKSET, REVERSED	.490	
A034		1	TURNING SLOTTED JACKSOCKETS (2)	.490	
A038		1	TURNING SLOTTED JACKSCREWS (2)	.490	

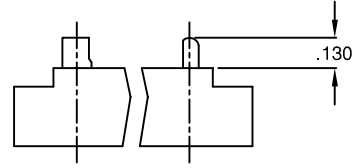
.075 SERIES HARDWARE POLARIZATION CODES



2 / 3 ROW POLARIZATION CODE

P2XX - GUIDE SET POLARIZED FOR PLUG
R2XX - GUIDE SET POLARIZED FOR RECEPTACLE

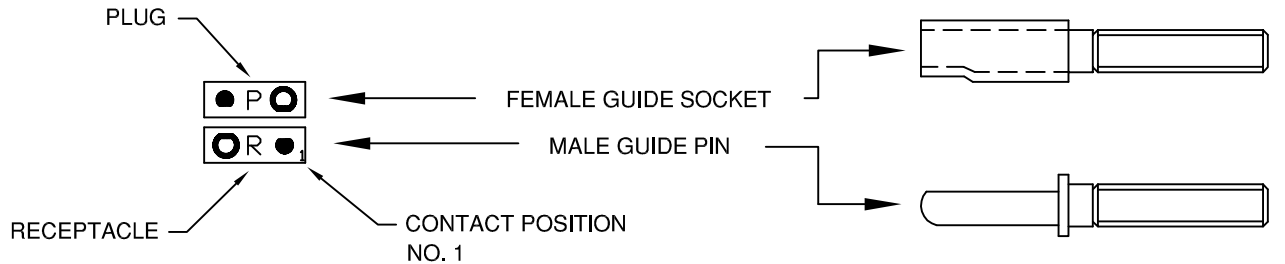
SEE POLARIZATION CONFIGURATION
 CHART BELOW FOR POLARIZATION CODE



4 ROW POLARIZATION CODE
 AAH, ACH, AAK, ACK, AAJ, ACJ only

P1XX - GUIDE SET POLARIZED FOR PLUG
R1XX - GUIDE SET POLARIZED FOR RECEPTACLE

SEE POLARIZATION CONFIGURATION
 CHART BELOW FOR POLARIZATION CODE



01		09		17		25		33		41		49		57	
02		10		18		26		34		42		50		58	
03		11		19		27		35		43		51		59	
04		12		20		28		36		44		52		60	
05		13		21		29		37		45		53		61	
06		14		22		30		38		46		54		62	
07		15		23		31		39		47		55		63	
08		16		24		32		40		48		56		64	

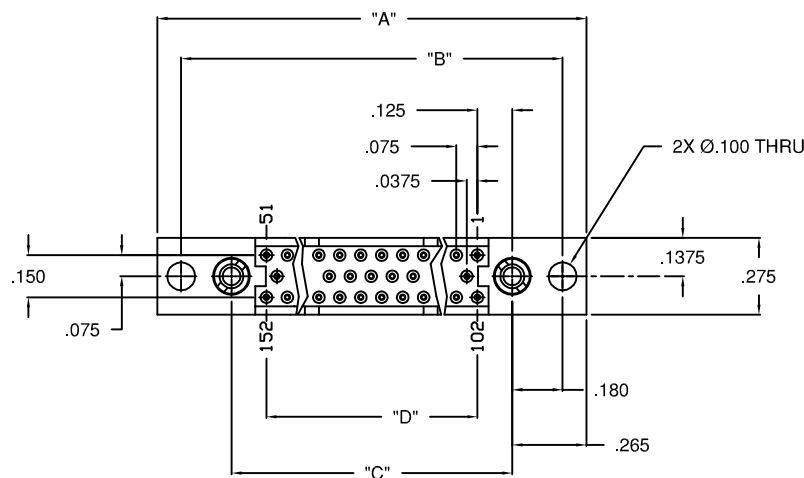
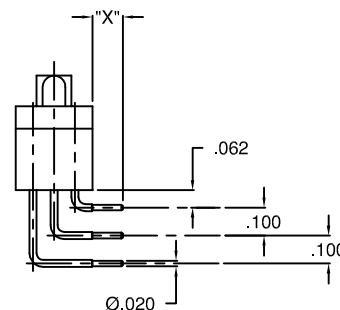
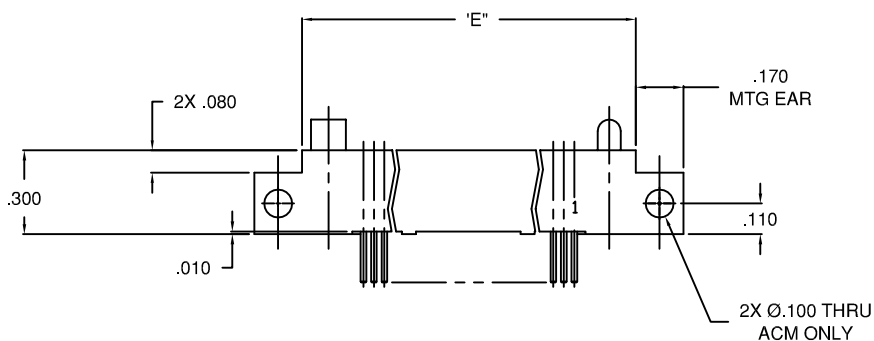
.075 SERIES 3 ROW STRAIGHT PLUG / RECEPTACLE AND RIGHT ANGLE RECEPTACLE

M55302 / 192

P/N **AXX** **XXX** **AXXX** **AXXX** **AXX**

Body Style Variation
Number of Contacts see page A32
Contact Code see page A13 Hardware Code
see page A7-A8

No. of Cnt's	Dimensions				
	"A"	"B"	"C"	"D"	"E"
011	1.005	.835	.475	.225	.665
023	1.305	1.135	.775	.525	.965
035	1.605	1.435	1.075	.825	1.265
047	1.905	1.735	1.375	1.125	1.565
059	2.205	2.035	1.675	1.425	1.865
071	2.505	2.335	1.975	1.725	2.165
080	2.730	2.560	2.200	1.950	2.390
122	3.780	3.610	3.250	3.000	3.440
152	4.530	4.360	4.000	3.750	4.190
206	5.880	5.710	5.350	5.100	5.540



ACP/ACM
CARD EXTENDER

RECEPTACLE | AAA - AS SHOWN WITH MTG EARS
ACA - WITHOUT MTG EARS

PLUG | AAC - WITH MTG EARS
ACC - WITHOUT MTG EARS

RIGHT ANGLE RECEPTACLE | ACP - WITH MTG EARS
ACM - WITH RIGHT MTG HOLES

MATING CONNECTORS:

AAC, ACC
AAB, ACB

AAA, ACA
ACP, ABM

AAC, ACC
AAB, ACB

Receptacle Image Pin Marking Shown

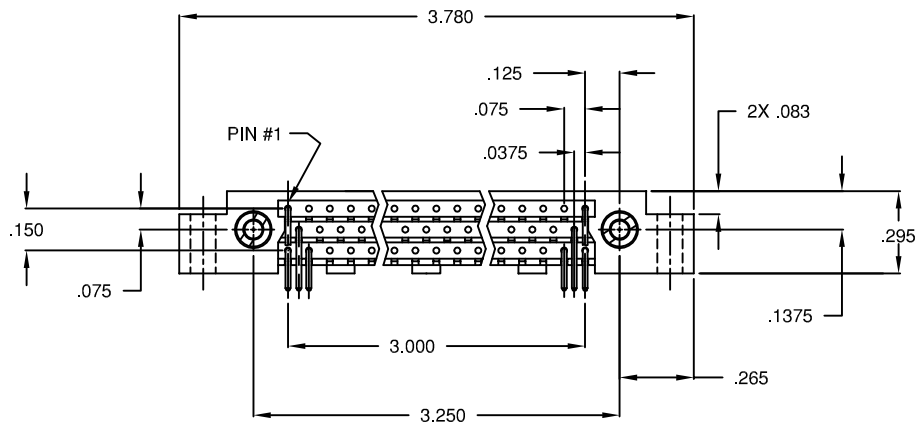
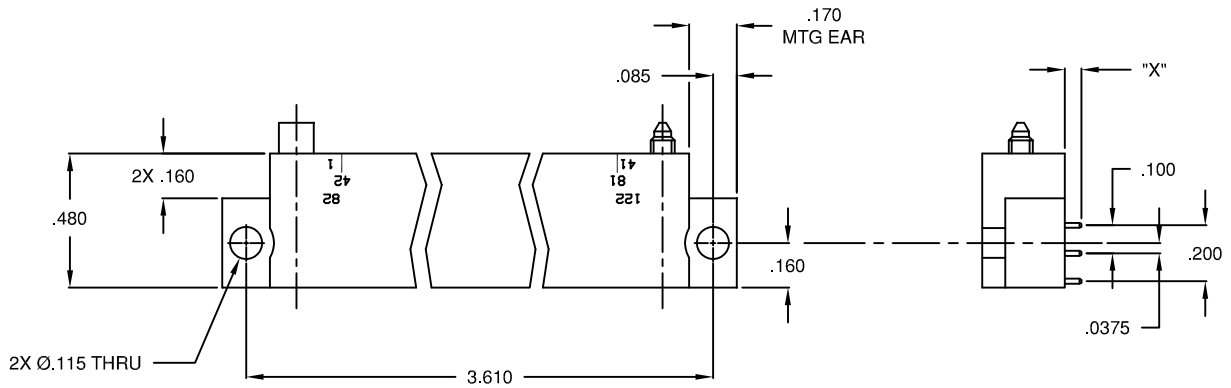
INCON Inc.

21 Flagstone Drive Hudson, New Hampshire 03051
Phone 603-595-0550 Fax 603-595-0555 Email: techsupport@inconconnector.com
Web Address: www.InconConnector.com

.075 SERIES 3 ROW RIGHT ANGLE RECEPTACLE LOW PROFILE

P/N **ABM** **122** **AXXX** **AXXX** **AXX**

Body Style ———
Number of Contacts ———
Contact Code ——— see page A13
Hardware Code ——— see page A7-A8
Variation ——— see page A32



MATING CONNECTORS:

ABM - AS SHOWN WITH MTG EARS

AAC, ACC AAB, ACB

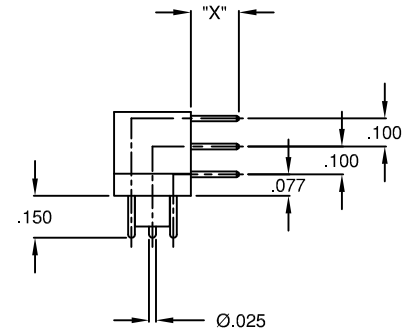
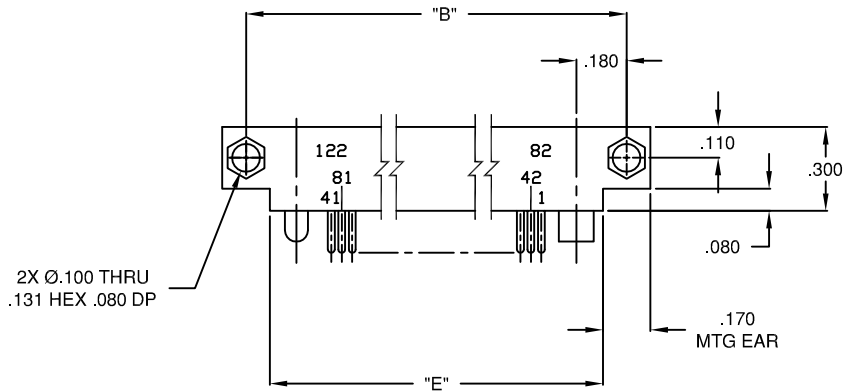
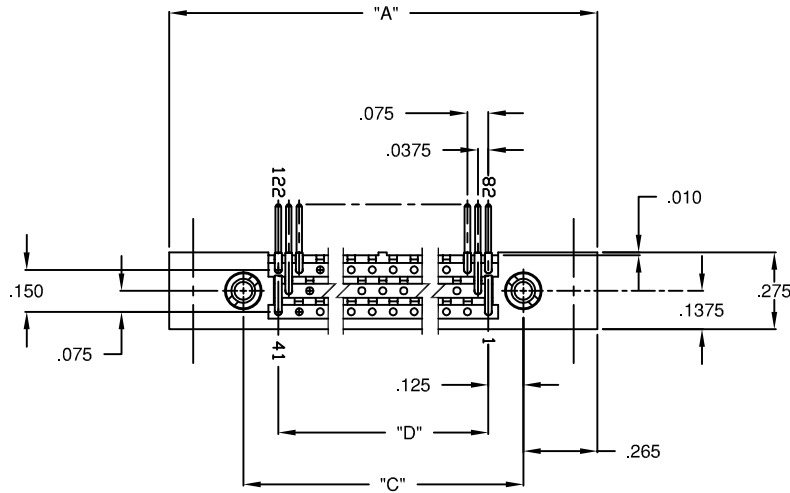
.075 SERIES 3 ROW RIGHT ANGLE PLUG

M55302 / 193

P/N AXX XXX AXXX AXXX AXX

Body Style Variation
Number of Contacts see page A32
Contact Code see page A13 Hardware Code see page A7-A8

No. of Cnt's	Dimensions				
	"A"	"B"	"C"	"D"	"E"
011	1.005	.835	.475	.225	.665
023	1.305	1.135	.775	.525	.965
035	1.605	1.435	1.075	.825	1.265
047	1.905	1.735	1.375	1.125	1.565
059	2.205	2.035	1.675	1.425	1.865
071	2.505	2.335	1.975	1.725	2.165
080	2.730	2.560	2.200	1.950	2.390
122	3.780	3.610	3.250	3.000	3.440
152	4.530	4.360	4.000	3.750	4.190
206	5.880	5.710	5.350	5.100	5.540



MATING CONNECTORS:

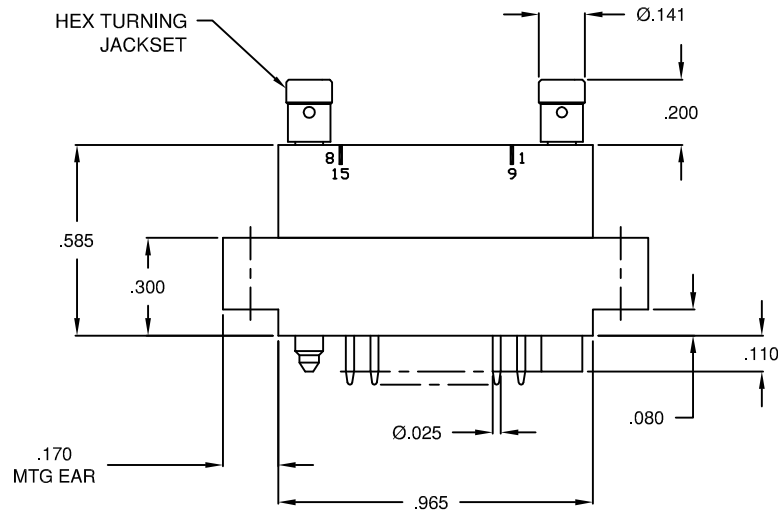
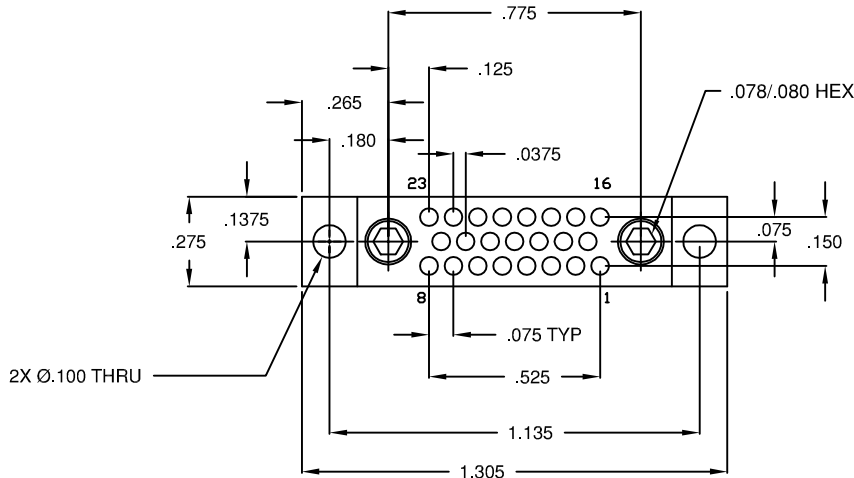
AAA, ACA
ACP, ABM

AAB - AS SHOWN WITH MTG EARS
ACB - WITHOUT MTG EARS

.075 SERIES 3 ROW STRAIGHT PLUG or RECEPTACLE CRIMP REMOVABLE, #24 AWG

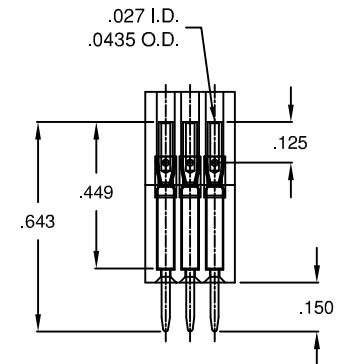
P/N AKX 023 X ASH A00

Body Style ——— AKX
Number of Contacts ——— 023
Contact Code ——— X
Variation see page A32 ——— ASH
Hardware Code ——— A00

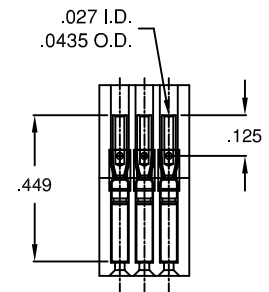


CONTACT CODES:

P
PIN CONTACT



S
SOCKET CONTACT



MATING CONNECTORS:

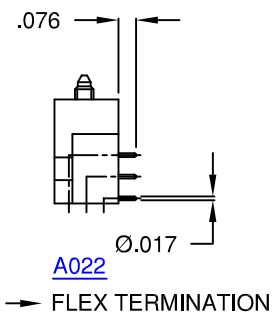
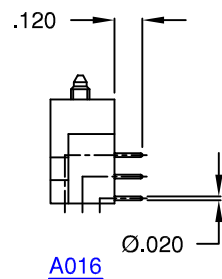
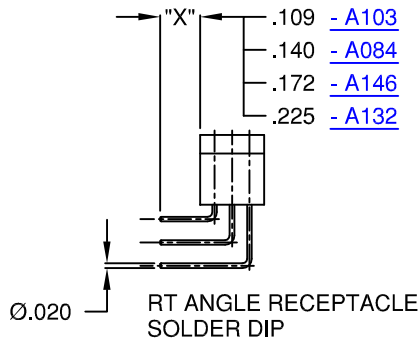
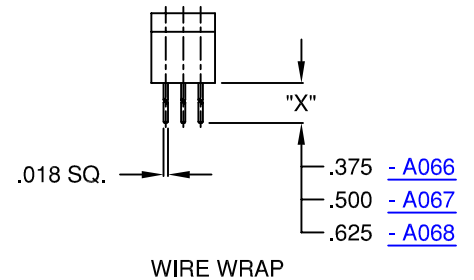
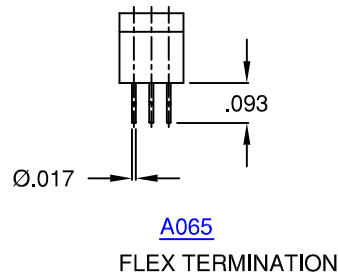
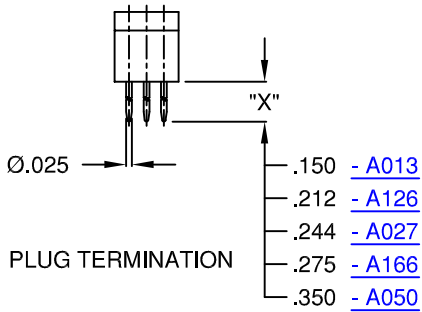
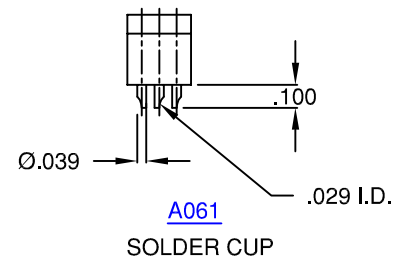
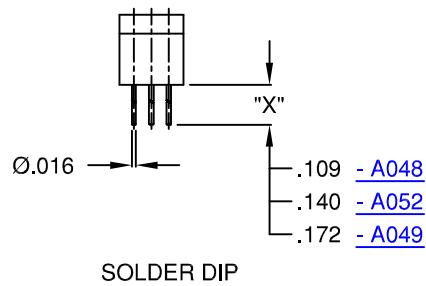
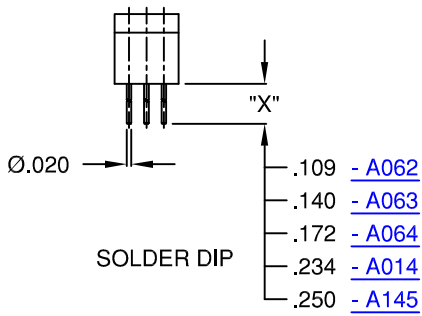
AAA, ACA ACP, ABM

AKE - AS SHOWN WITH MTG EARS
AKA - WITHOUT MTG EARS

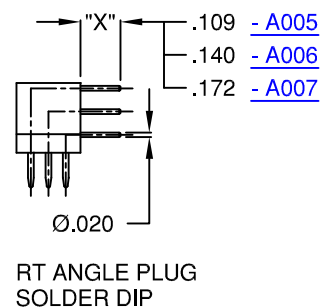
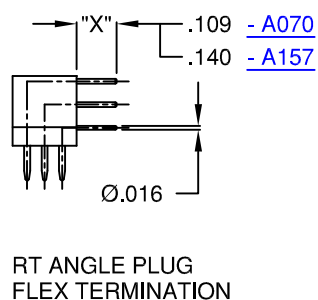
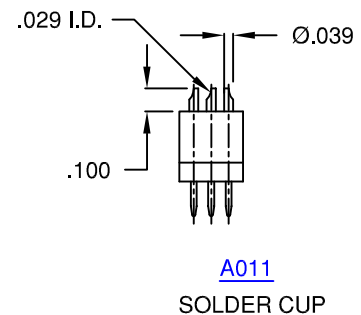
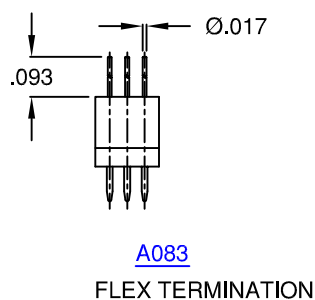
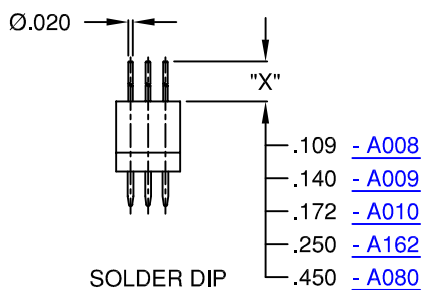
*Call for Crimp Tooling/Accessories
*Plug Image Pin Marking Shown

.075 SERIES 3 ROW CONTACT CODES

RECEPTACLE



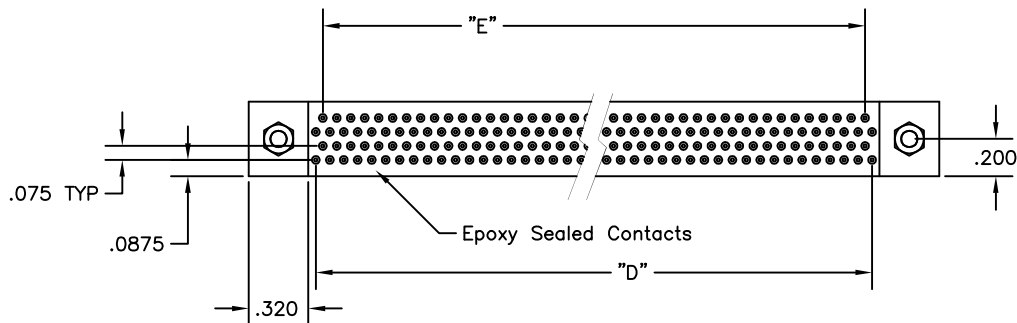
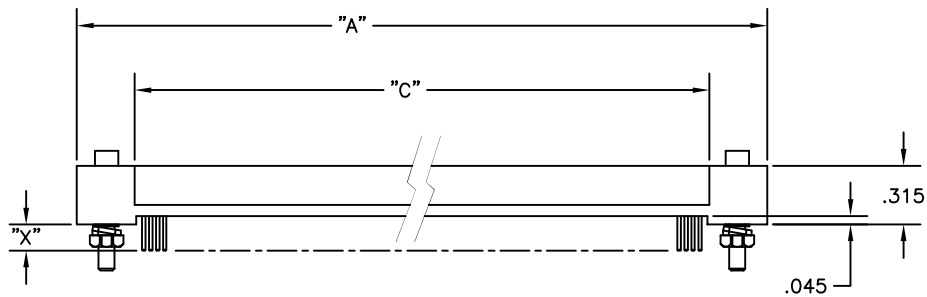
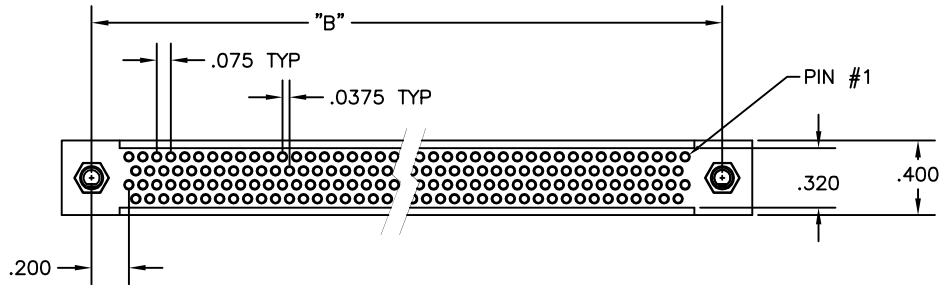
PLUG



.075 SERIES 4 ROW STRAIGHT RECEPTACLE

P/N **AAL** **XXX** **AXXX** **AXXX** **AXX**

Body Style ——— Variation
Number of Contacts ——— see page A32
Contact Code ——— see page A22
Hardware Code ——— see page A23-A24



NO. OF CONTACTS	"A"	"B"	"C"	"D"	"E"
86	2.295	1.975	1.675	1.575	1.500
110	2.745	2.425	2.125	2.025	1.950
250	5.370	5.050	4.750	4.650	4.575

MATING CONNECTORS:

ACW, ACX
ACY

.075 SERIES 4 ROW
STRAIGHT RECEPTACLE

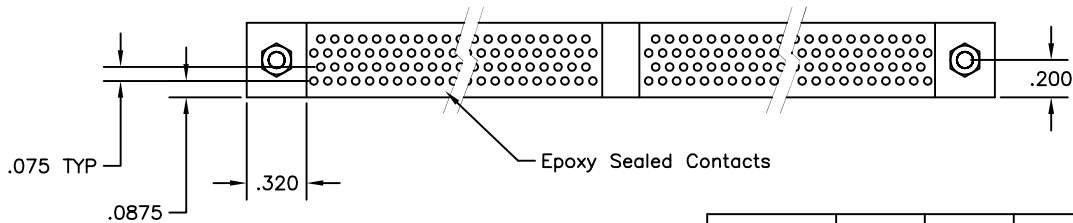
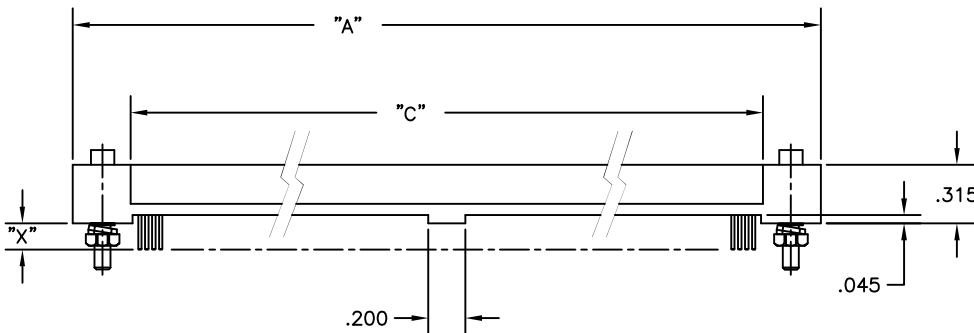
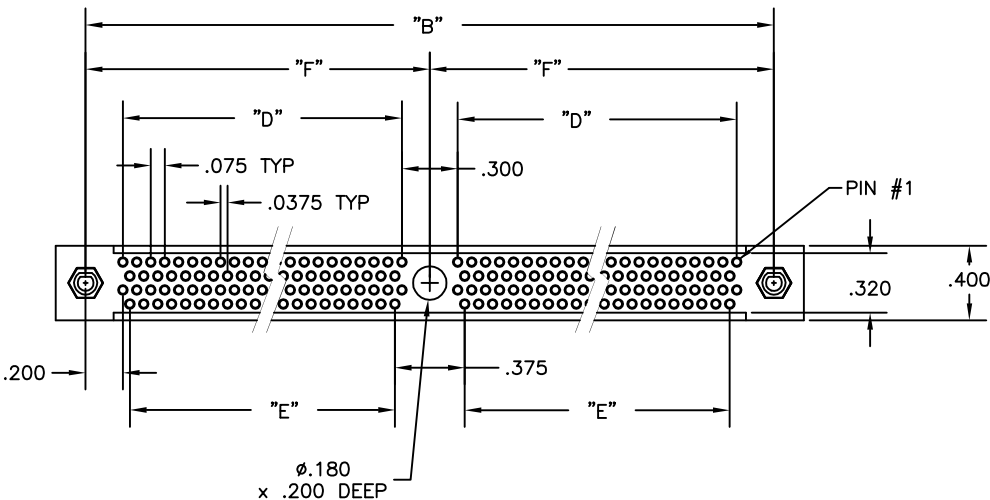
P/N **AAL** **XXX** **AXXX** **AXXX** **AXX**

Body Style ———
Number of Contacts ———

 Contact Code
 see page A22

 Hardware Code
 see page A23-A24

 Variation
 see page A32



MATING CONNECTORS:

ACW, ACX
ACY

NO. OF CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
164	4.020	3.700	3.400	1.500	1.425	1.850
196	4.620	4.300	4.000	1.800	1.725	2.150
204	4.770	4.450	4.150	1.875	1.800	2.225
220	5.070	4.750	4.450	2.025	1.950	2.375
276	6.120	5.800	5.500	2.550	2.475	2.900
300	6.570	6.250	5.950	2.775	2.700	3.125
404	8.520	8.200	7.900	3.750	3.675	4.100

.075 SERIES 4 ROW
STRAIGHT PLUG w/o MOUNTING TABS

P/N **ACX** **XXX** **AXXX** **AXXX** **AXX**

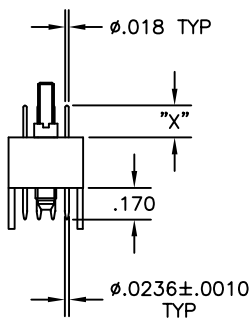
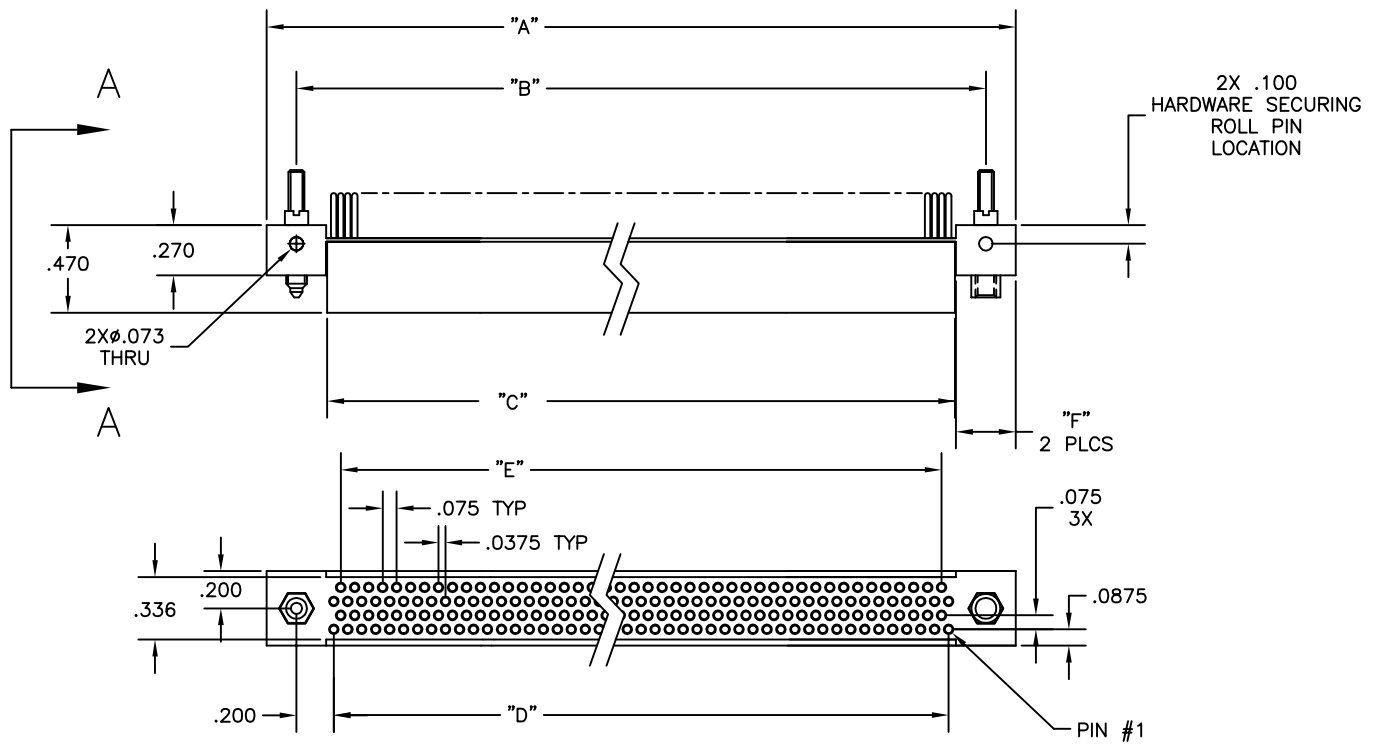
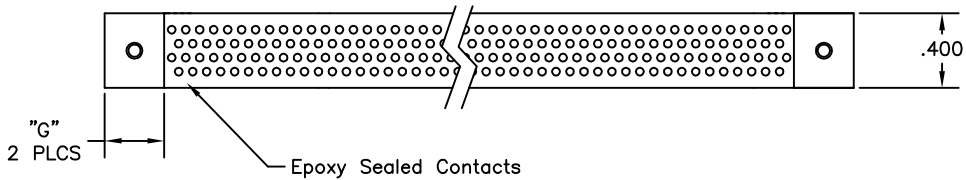
Body Style _____

Number of Contacts _____

 Contact Code
 see page A22

 Hardware Code
 see page A23-A24

 Variation
 see page A32



VIEW A-A

NO. OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
86	2.255	1.975	1.650	1.575	1.500	.300	.280
110	2.745	2.425	2.100	2.025	1.950	.320	.320
250	5.370	5.050	4.725	4.650	4.575	.320	.320

MATING CONNECTOR:

AAL

.075 SERIES 4 ROW **STRAIGHT PLUG w/o MOUNTING TABS**

P/N ACX XXX AXXX AXXX AXX

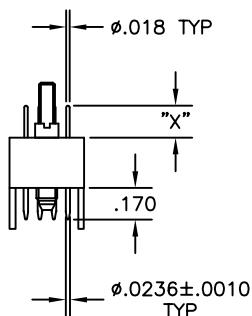
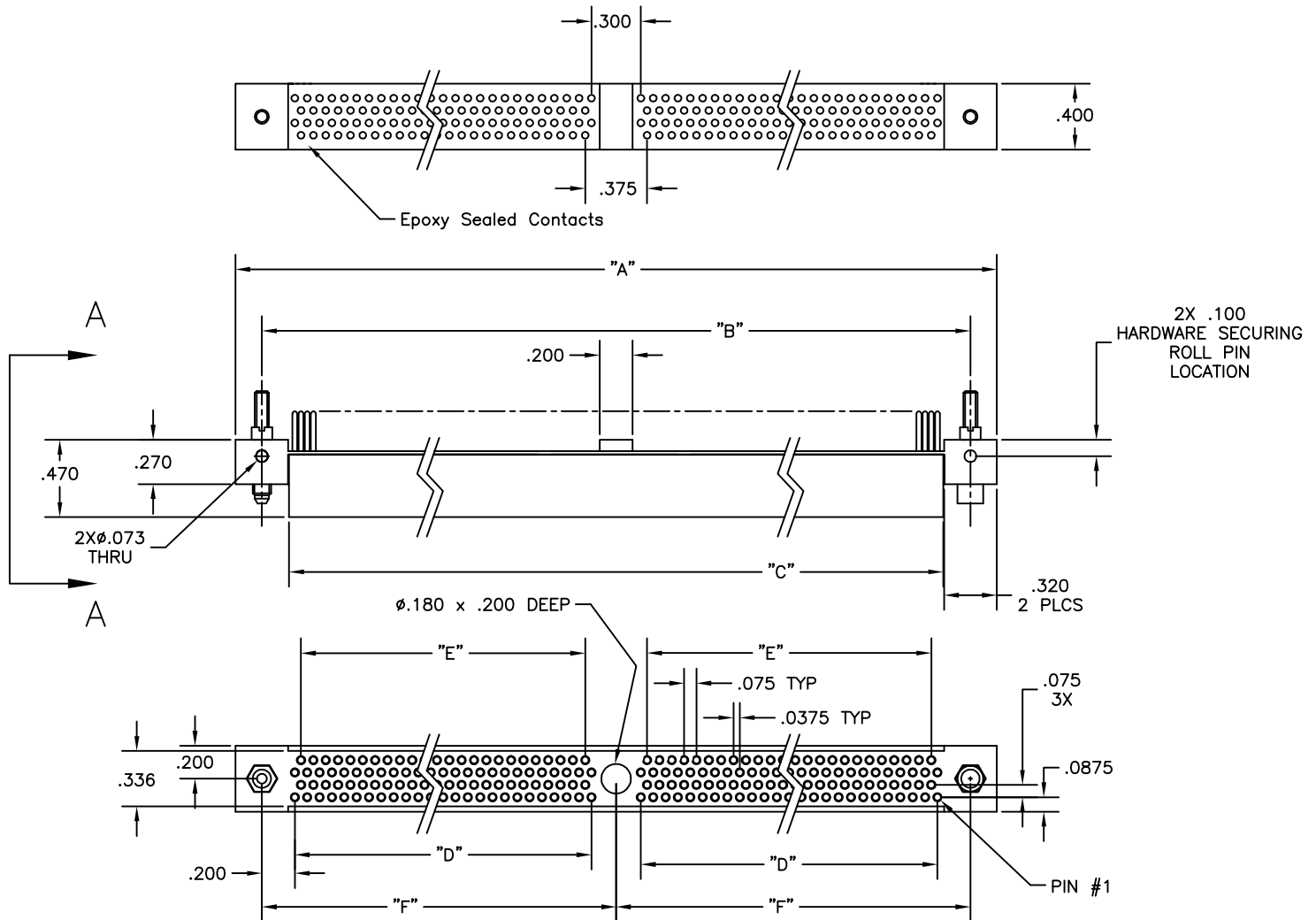
Body Style

Number of Contacts

Contact Code
see page A22

Hardware Code
see page A23-A24

Variation
see page A32



MATING CONNECTOR:

AAL

NO. OF CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
164	4.020	3.700	3.375	1.500	1.425	1.850
196	4.620	4.300	3.975	1.800	1.725	2.150
204	4.770	4.450	4.125	1.875	1.800	2.225
220	5.070	4.750	4.425	2.025	1.950	2.375
276	6.120	5.800	5.475	2.550	2.475	2.900
300	6.570	6.250	5.925	2.775	2.700	3.125
404	8.520	8.200	7.875	3.750	3.675	4.100

VIEW A-A

.075 SERIES 4 ROW RIGHT ANGLE PLUG

P/N ACW XXX AXXX AXXX AXX

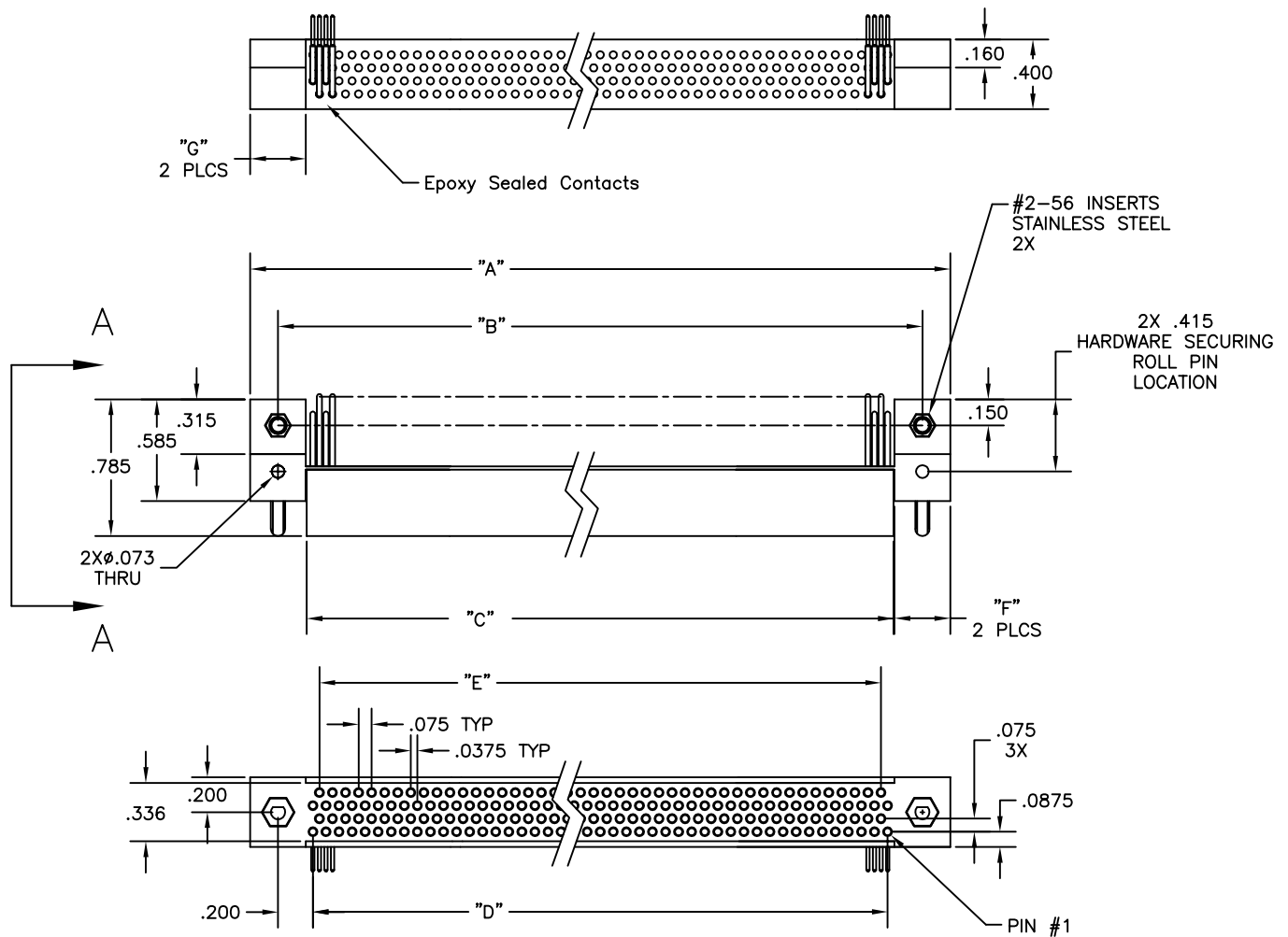
Body Style

Number of Contacts

Contact Code
see page A22

Variation
see page A32

Hardware Code
see page A23 - A24



NO. OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
86	2.255	1.975	1.650	1.575	1.500	.300	.280
110	2.745	2.425	2.100	2.025	1.950	.320	.320
250	5.370	5.050	4.725	4.650	4.575	.320	.320

MATING CONNECTOR:

AAL

VIEW A-A

INCON Inc.

21 Flagstone Drive Hudson, New Hampshire 03051
Phone 603-595-0550 Fax 603-595-0555 Email: techsupport@inconconnector.com
Web Address: www.InconConnector.com

A18

.075 SERIES 4 ROW RIGHT ANGLE PLUG

P/N ACW XXX AXXX AXXX AXX

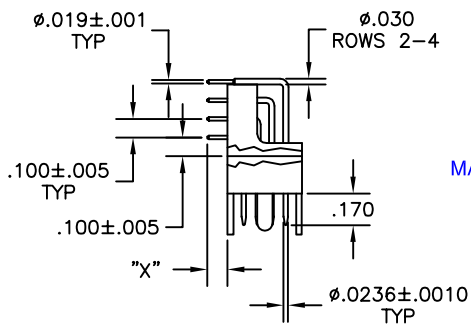
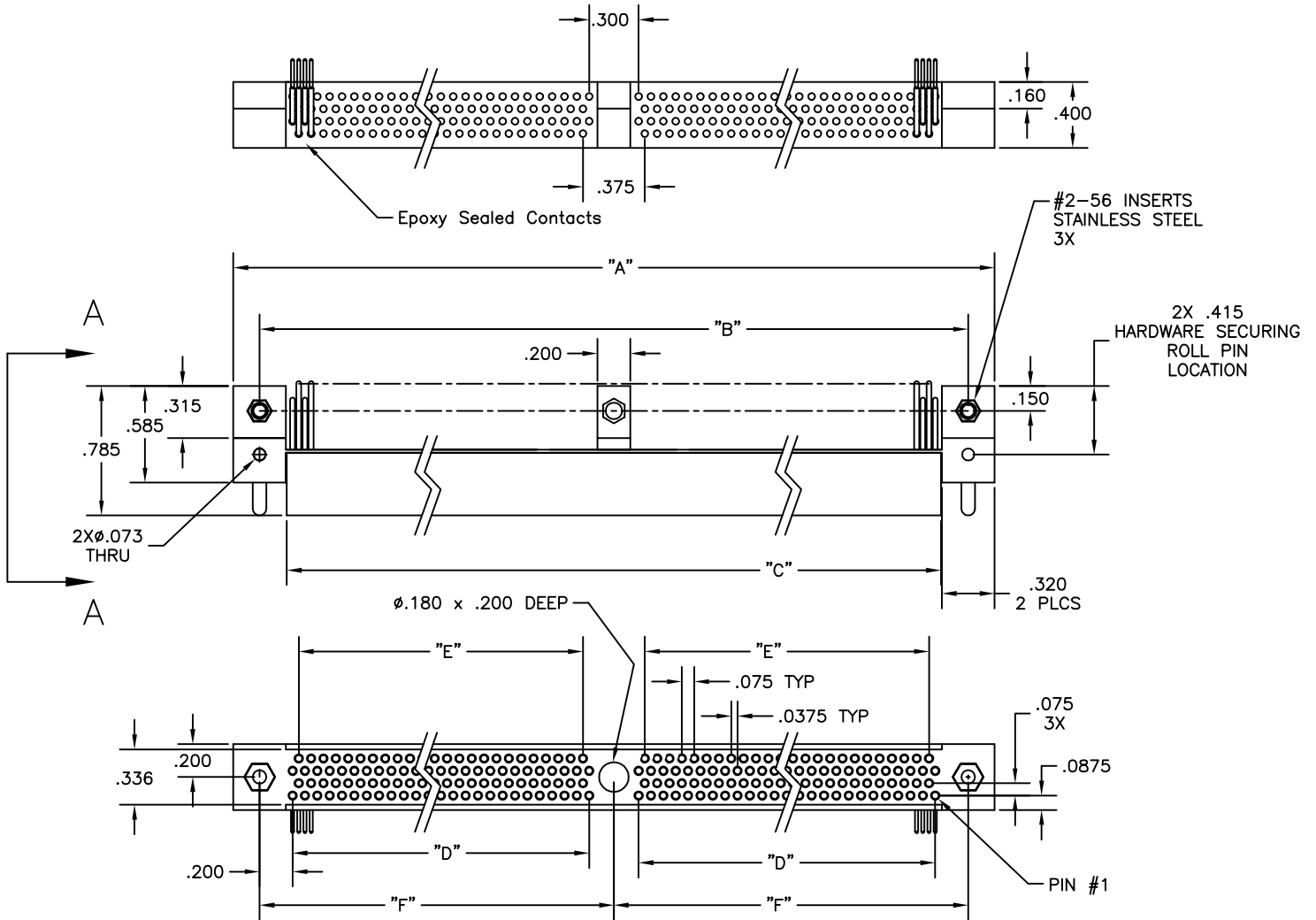
Number of Contacts

Number of Contacts

Contact Code
see page A22

- Variation
see page A32

Hardware Code
see page A23 - A24



MATING CONNECTOR:

AAL

NO. OF CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
164	4.020	3.700	3.375	1.500	1.425	1.850
196	4.620	4.300	3.975	1.800	1.725	2.150
204	4.770	4.450	4.125	1.875	1.800	2.225
220	5.070	4.750	4.425	2.025	1.950	2.375
276	6.120	5.800	5.475	2.550	2.475	2.900
300	6.570	6.250	5.925	2.775	2.700	3.125
404	8.520	8.200	7.875	3.750	3.675	4.100

VIEW A—A

.075 SERIES 4 ROW RIGHT ANGLE PLUG

P/N **ACY** **XXX** **AXXX** **AXXX** **AXX**

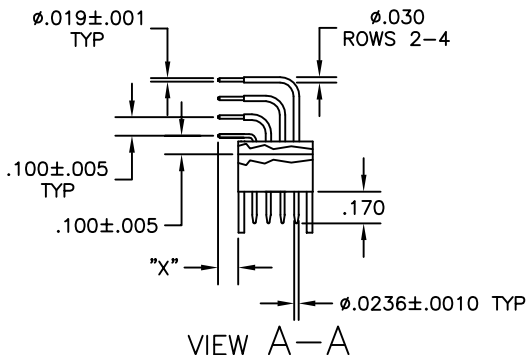
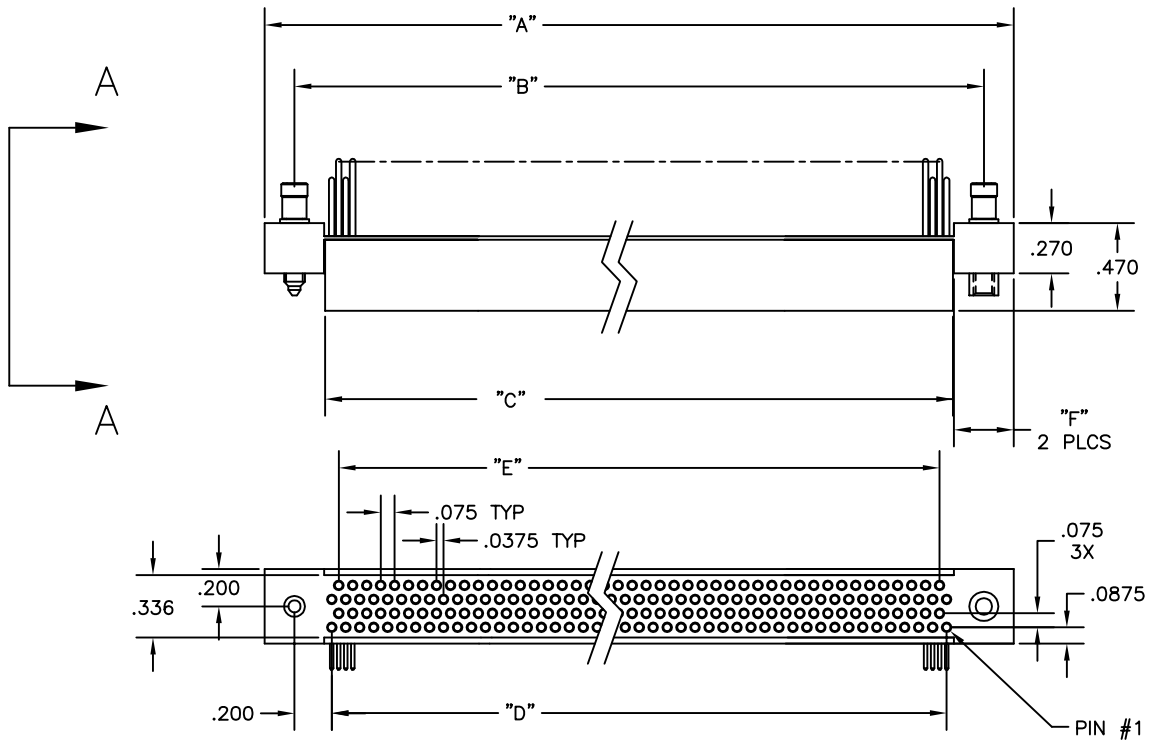
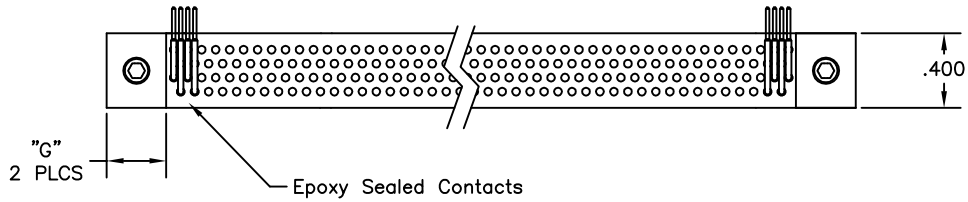
Body Style

Number of Contacts

Contact Code
see page A22

Hardware Code
see page A23

- Variation
see page A32



Hardware Removed From View

NO. OF POSITIONS	"A"	"B"	"C"	"D"	"E"	"F"	"G"
86	2.255	1.975	1.650	1.575	1.500	.300	.280
110	2.745	2.425	2.100	2.025	1.950	.320	.320
250	5.370	5.050	4.725	4.650	4.575	.320	.320

MATING CONNECTOR:

AAL

.075 SERIES 4 ROW RIGHT ANGLE PLUG

P/N ACY XXX AXXX AXXX AXX

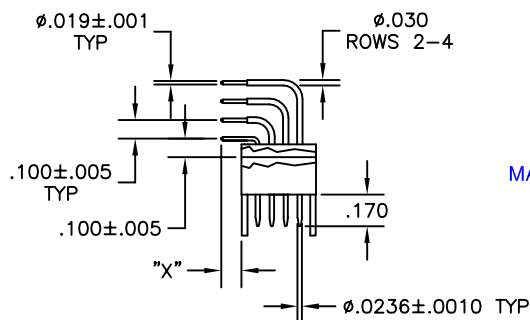
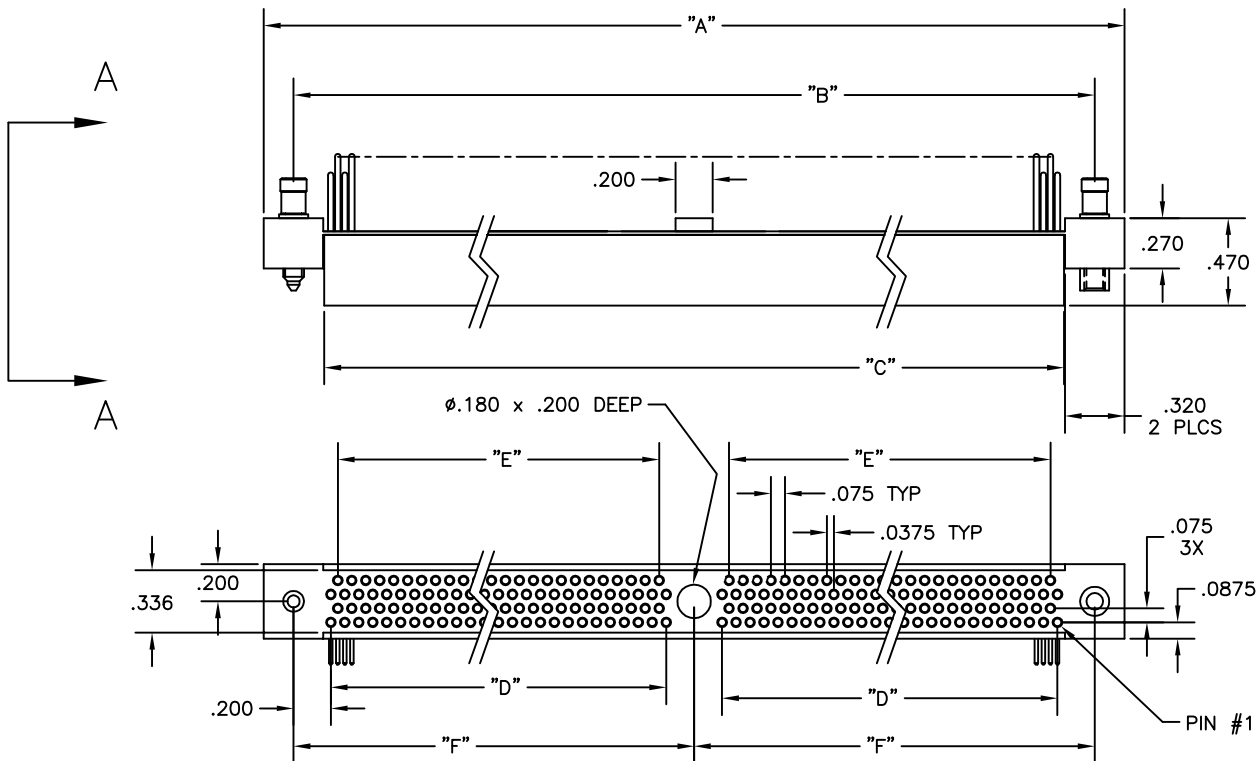
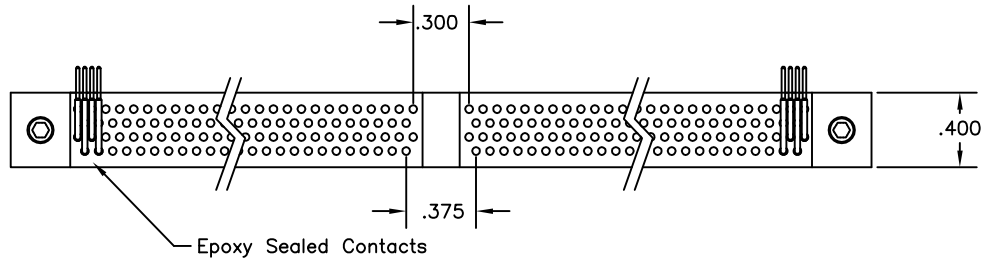
Body Style

Number of Contacts

Contact Code
see page A22

Hardware Code
see page A23

Variation
see page A32



VIEW A-A

Hardware Removed From View

MATING CONNECTOR:

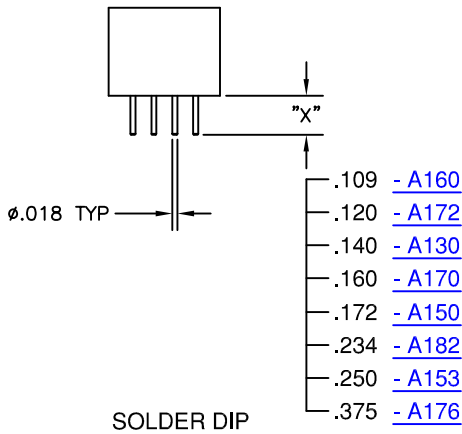
AAL

NO. OF CONTACTS	"A"	"B"	"C"	"D"	"E"	"F"
164	4.020	3.700	3.375	1.500	1.425	1.850
196	4.620	4.300	3.975	1.800	1.725	2.150
204	4.770	4.450	4.125	1.875	1.800	2.225
220	5.070	4.750	4.425	2.025	1.950	2.375
276	6.120	5.800	5.475	2.550	2.475	2.900
300	6.570	6.250	5.925	2.775	2.700	3.125
404	8.520	8.200	7.875	3.750	3.675	4.100

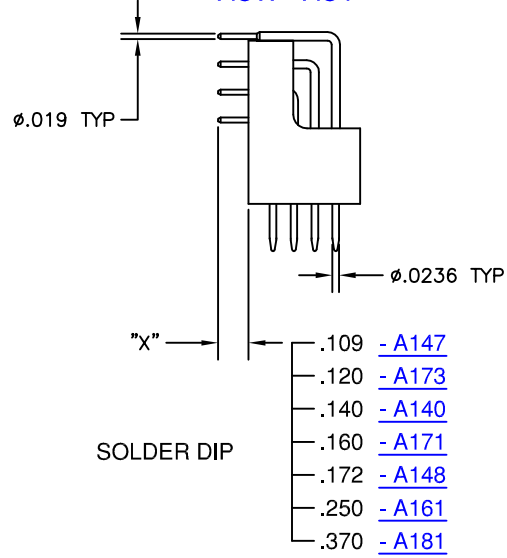
.075 SERIES 4 ROW CONTACT CODES

AAL - ACW - ACX - ACY only

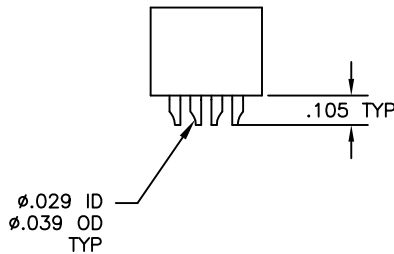
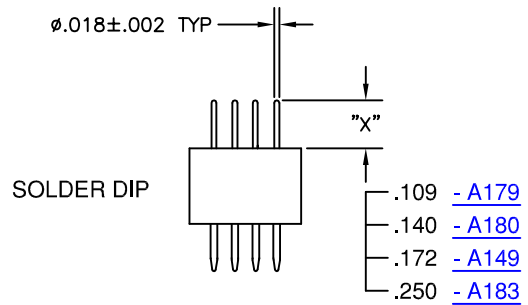
RECEPTACLE AAL



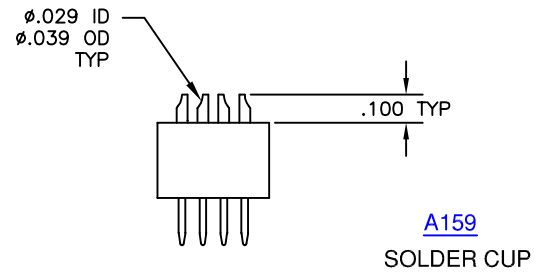
RIGHT ANGLE PLUG ACW - ACY



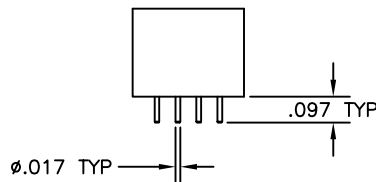
STRAIGHT PLUG ACX



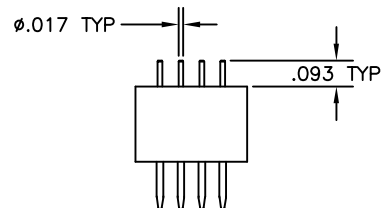
A061 SOLDER CUP



A159 SOLDER CUP



A065 FLEX TERMINATION

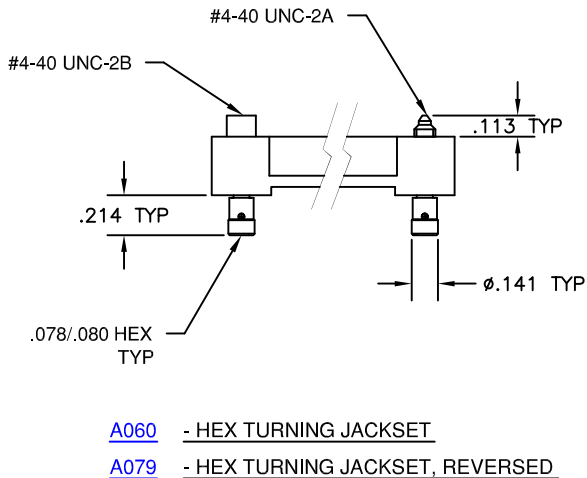
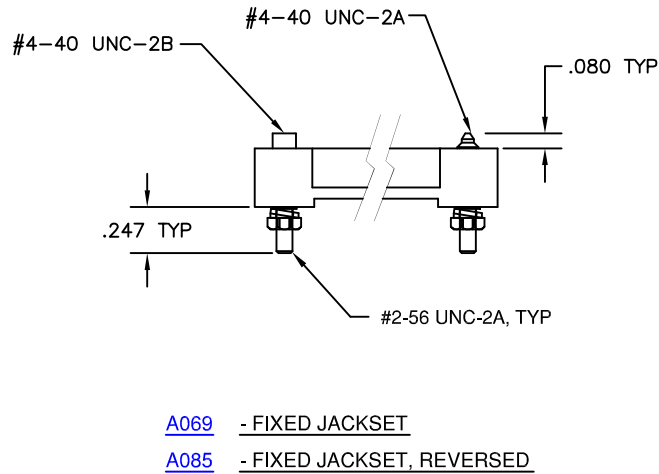
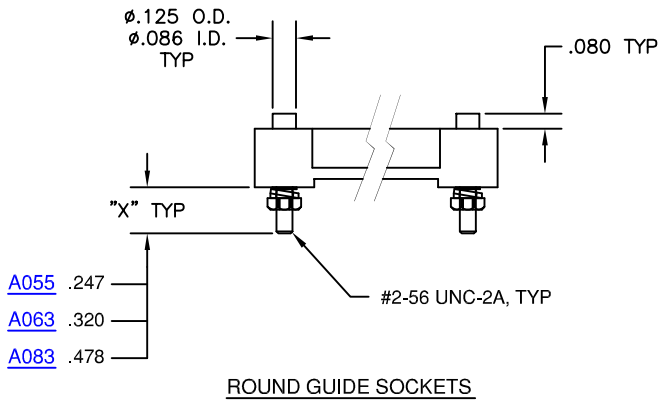


A165 FLEX TERMINATION

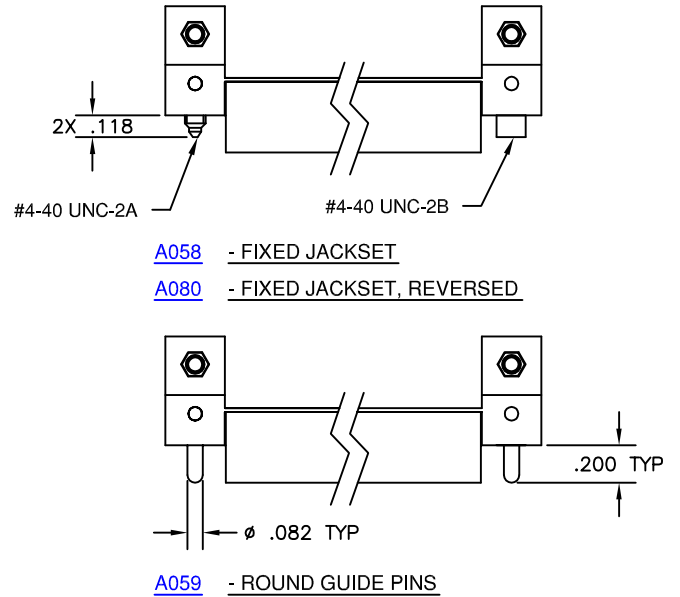
.075 SERIES 4 ROW HARDWARE CODES

AAL - ACW - ACX - ACY only

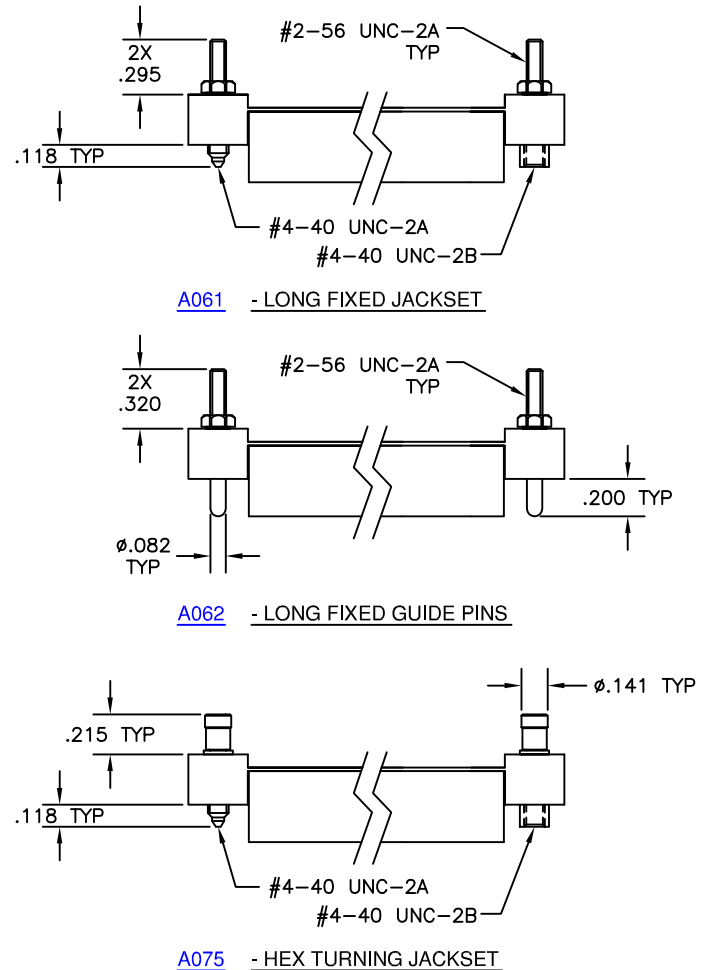
RECEPTACLE HARDWARE



PLUG HARDWARE ACW STYLE

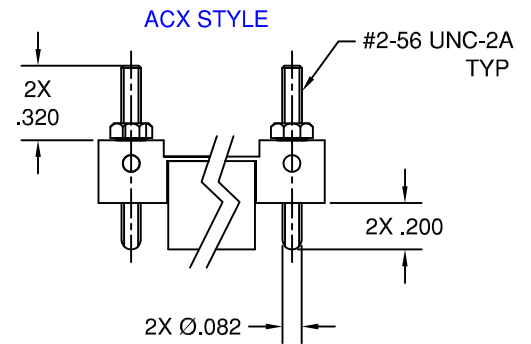
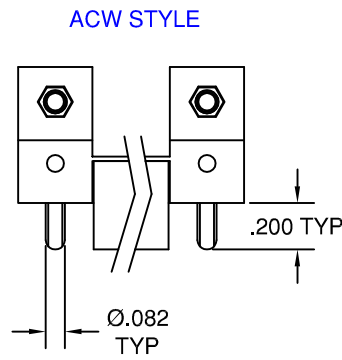
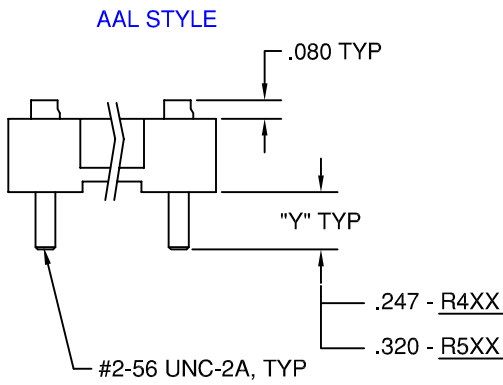


ACX & ACY STYLES



.075 SERIES 4 ROW HARDWARE POLARIZATION CODES

AAL - ACW - ACX only



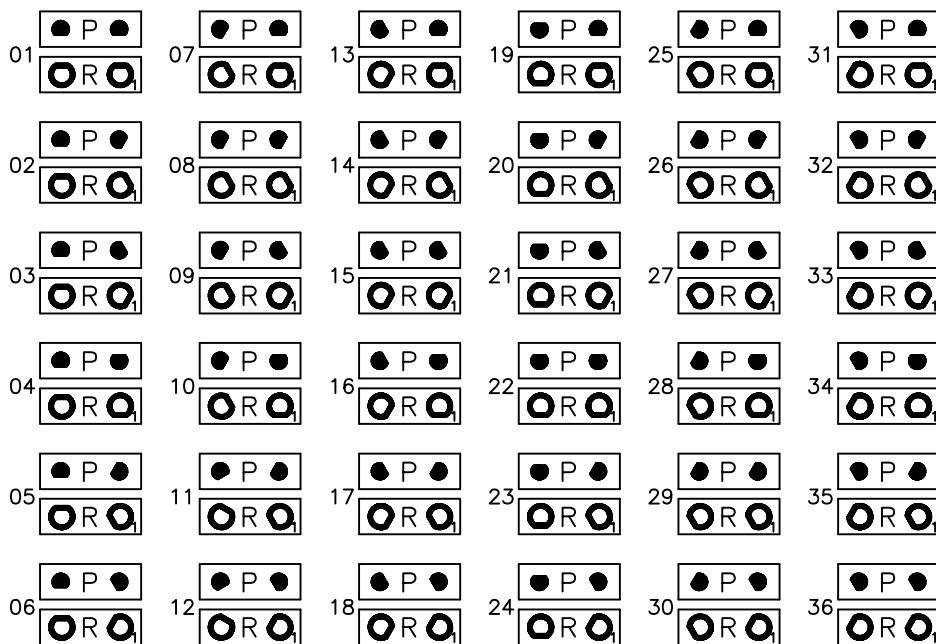
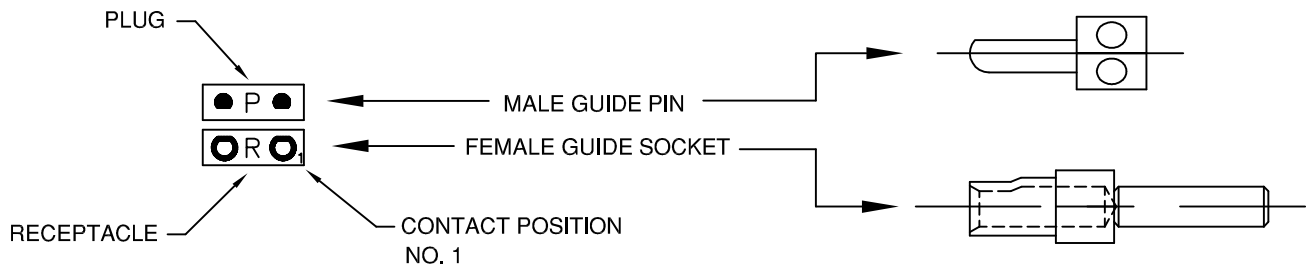
R4XX - GUIDE SOCKETS

R5XX - GUIDE SOCKETS, LONG

P4XX - GUIDE PINS

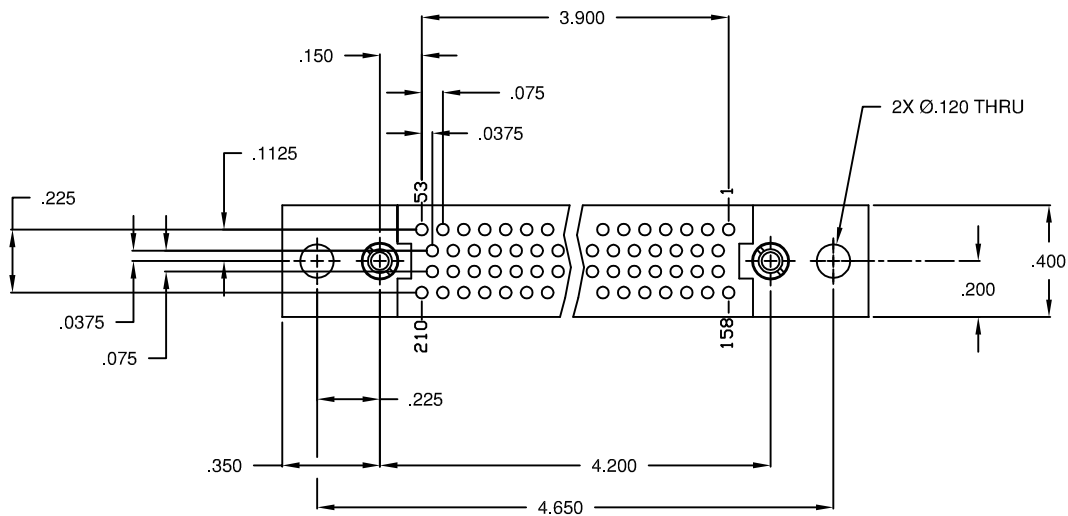
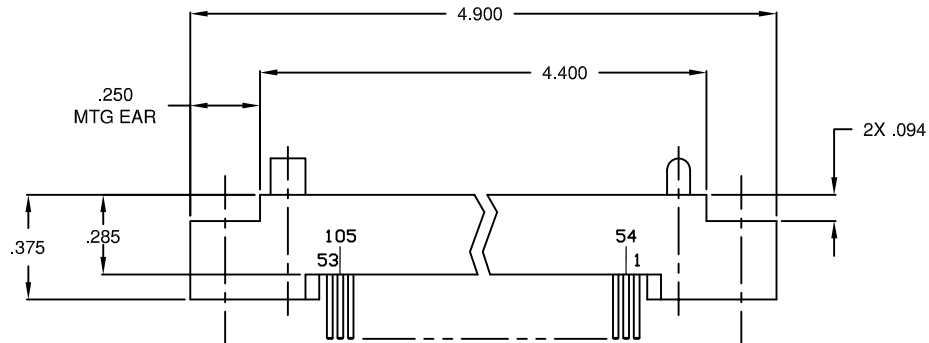
SEE POLARIZATION CONFIGURATION
CHART BELOW FOR POLARIZATION CODE

P6XX - GUIDE PINS, LONG



.075 SERIES 4 ROW STRAIGHT PLUG / RECEPTACLE

P/N **AXX 210 AXXX AXXX AXX**
 Body Style ——— Variation
 Number of Contacts ——— see page A32
 Contact Code ——— Hardware Code
 see page A29 see page A8 & A30



RECEPTACLE

AAH - AS SHOWN **WITH** MTG EARS
 ACH - **WITHOUT** MTG EARS

PLUG

AAK - **WITH** MTG EARS
 ACK - **WITHOUT** MTG EARS

MATING CONNECTORS:

AAJ, ACJ
 AAK, ACK

AAH, ACH
 ACL, ACU

.075 SERIES 4 ROW RIGHT ANGLE PLUG

P/N

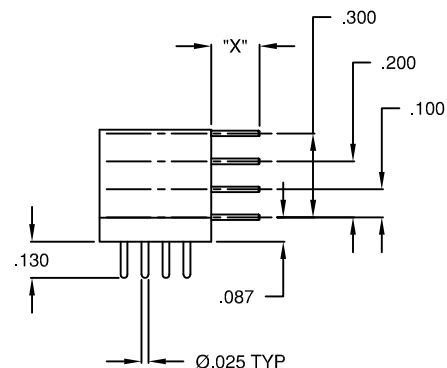
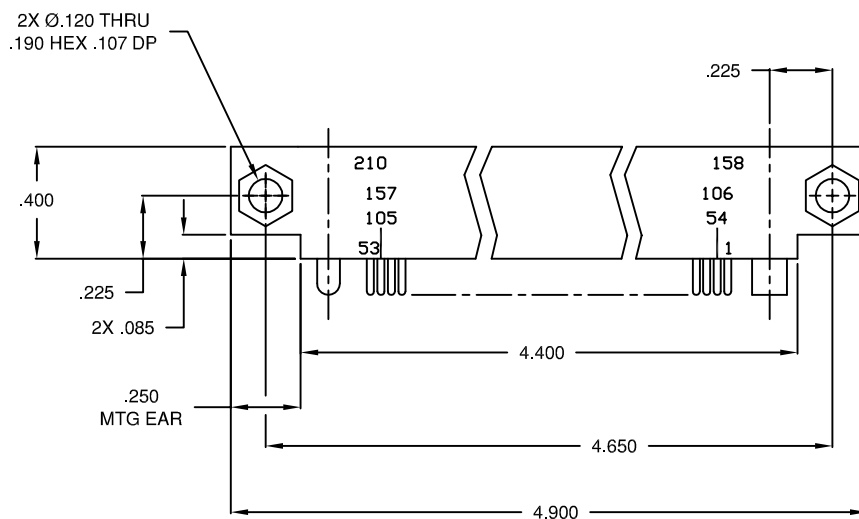
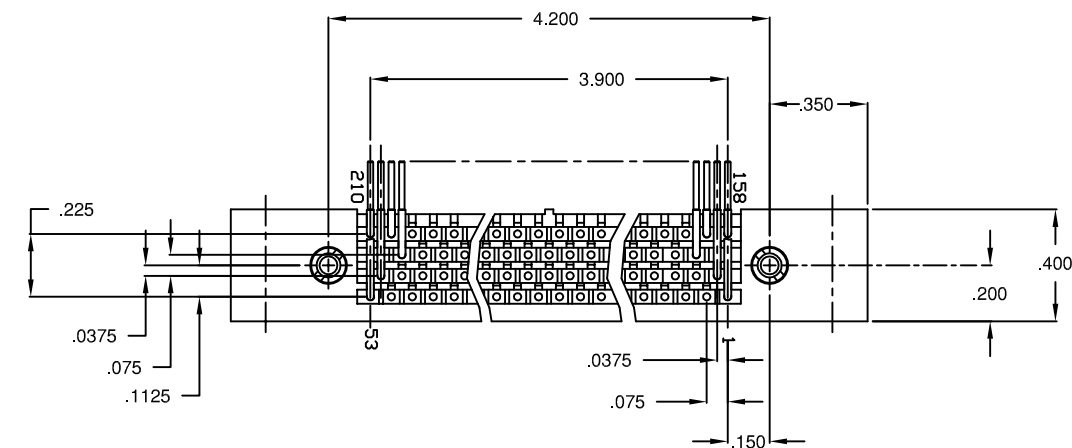
AXX **210** **AXXX** **AXXX** **AXX**

Body Style ————
Number of Contacts ————

Contact Code
see page A29

Variation
see page A32

Hardware Code
see page A8 & A30



MATING CONNECTORS:

AAJ - AS SHOWN WITH MTG EARS
ACJ - WITHOUT MTG EARS

AAH, ACH
ACL, ACU

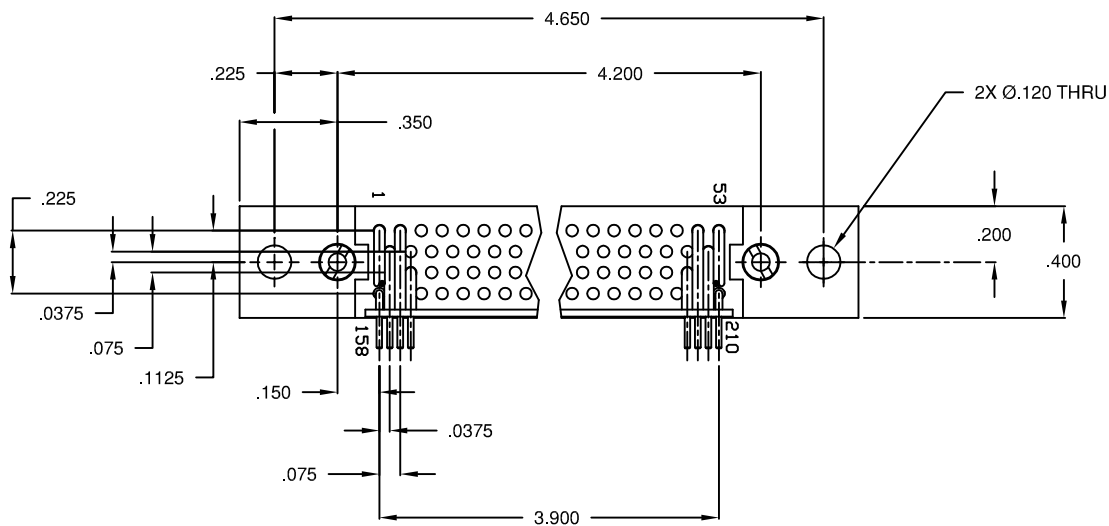
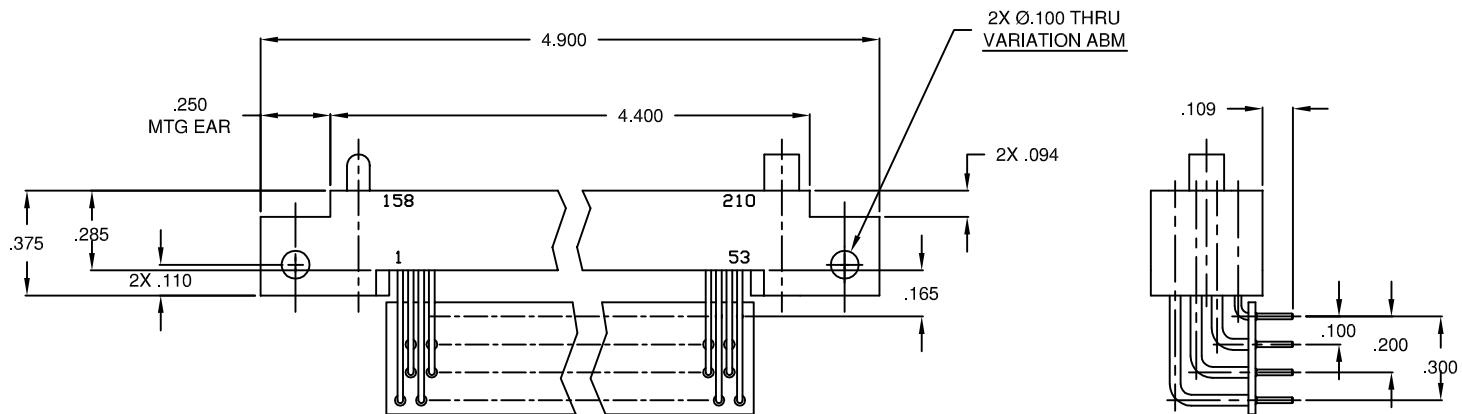
.075 SERIES 4 ROW RIGHT ANGLE RECEPTACLE

P/N **ACL** **210** **A099** **AXXX** **AXX**

Body Style ———
Number of Contacts ———
Contact Code ———

Variation
see page A32

Hardware Code
see page A8 & A30



MATING CONNECTORS:

ACL - AS SHOWN WITH MTG EARS

AAJ, AAK
ACJ, ACK

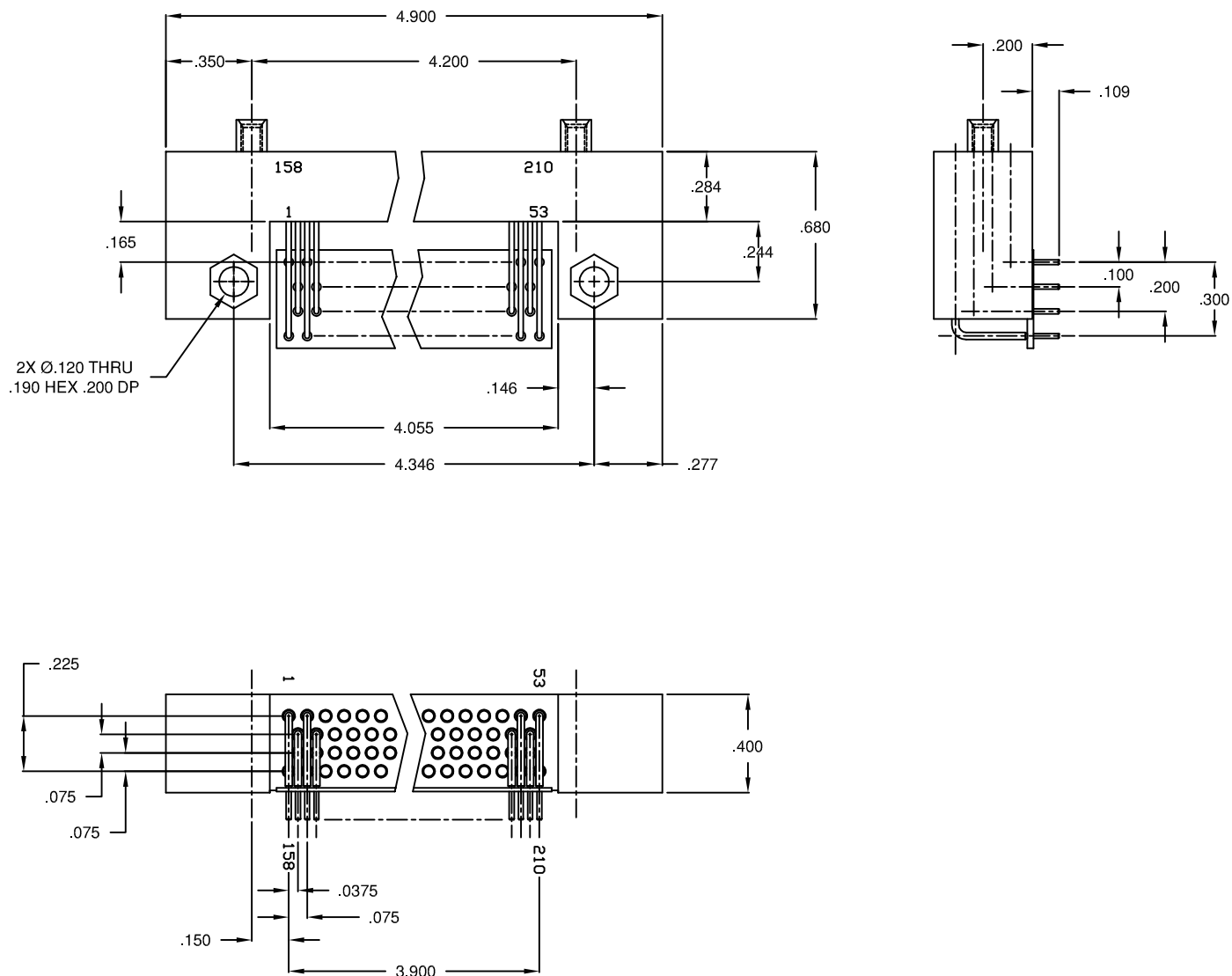
.075 SERIES 4 ROW RIGHT ANGLE RECEPTACLE

P/N ACU 210 A099 A045 AXX

Body Style _____ Variation
see page A32

Number of Contacts _____

Contact Code _____ Hardware Code
see page A8 & A30



MATING CONNECTORS:

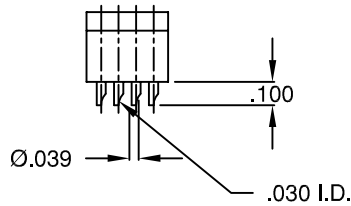
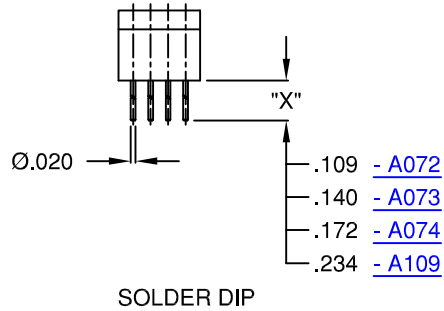
ACU - AS SHOWN WITH SPECIAL MTG EARS

AAJ, AAK
ACJ, ACK

.075 SERIES 4 ROW CONTACT CODES

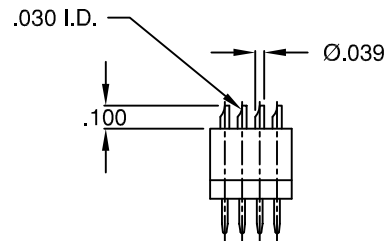
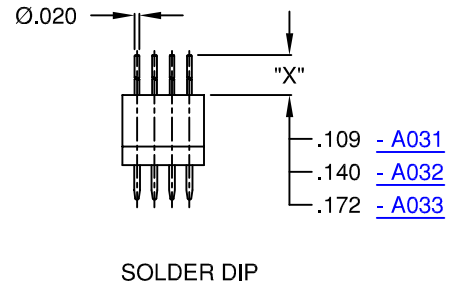
AAH - ACH - AAK - ACK, AAJ, ACJ only

RECEPTACLE

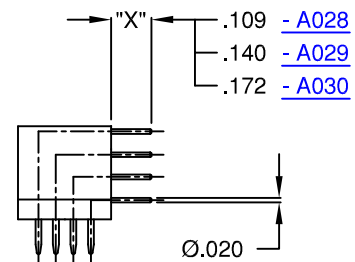


A071
SOLDER CUP

PLUG



A085
SOLDER CUP

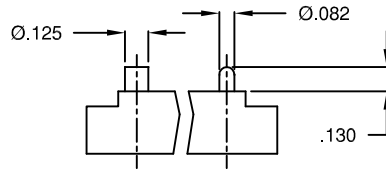


RT ANGLE PLUG
SOLDER DIP

.075 SERIES 4 ROW HARDWARE CODES

AAH - ACH - AAK - ACK, AAJ, ACJ only

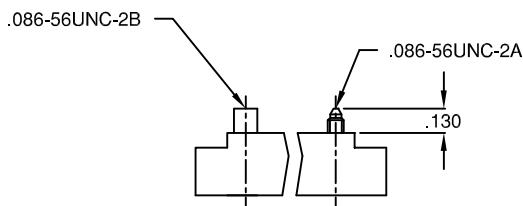
GUIDE SETS



A006 - GUIDE SET
FIGURE #1

CODE	FIGURE NO.	HARDWARE DESCRIPTION
A000		NO HARDWARE
A006	1	GUIDE SET
A033		TWO GUIDE SOCKETS
A034		TWO GUIDE PINS
A037		GUIDE SET, REVERSED

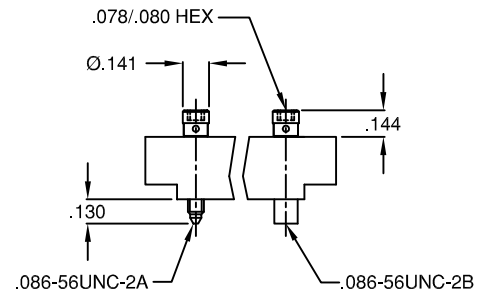
FIXED JACKSETS



A005 - FIXED JACKSET
FIGURE #1

CODE	FIGURE NO.	HARDWARE DESCRIPTION
A000		NO HARDWARE
A005	1	FIXED JACKSET
A018		FIXED JACKSET REVERSED
A026		TWO FIXED JACKSCREWS
A027		TWO FIXED JACKSOCKETS

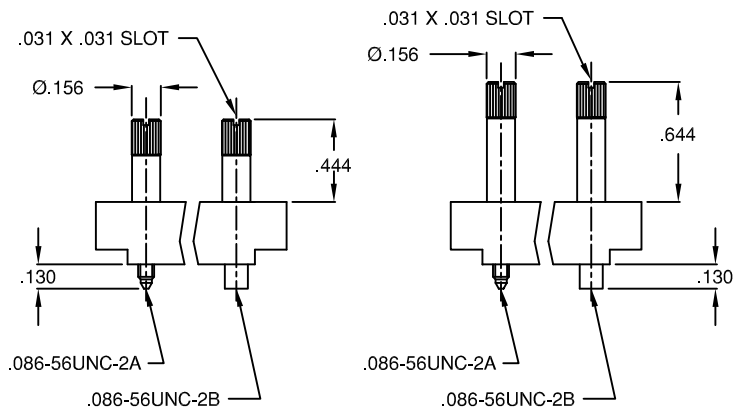
TURNING HEX JACKSETS



A019 - SHORT TURNING
HEX JACKSET
FIGURE #1

CODE	FIG NO.	HARDWARE DESCRIPTION	KNOB LENGTH
A000		NO HARDWARE	
A019	1	SHORT TURNING HEX JACKSET	.144
A020		SHORT TURNING HEX JACKSET, REVERSED	.144

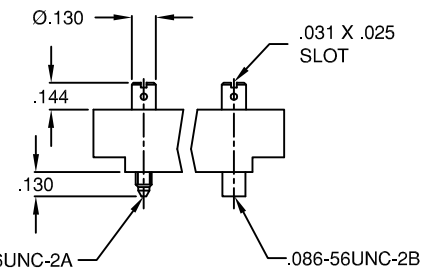
SLOTTED TURNING JACKSETS



A008 - TURNING SLOTTED
JACKSET
FIGURE #1

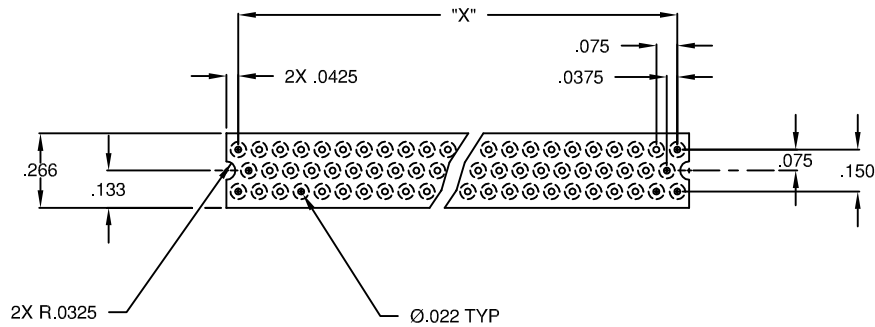
A004 - TURNING SLOTTED
JACKSET
FIGURE #2

A021 - TURNING JACKSET
FIGURE #3



CODE	FIG NO.	HARDWARE DESCRIPTION	KNOB LENGTH
A000		NO HARDWARE	
A008	1	TURNING SLOTTED JACKSET	.444
A016		TURNING SLOTTED JACKSET, REVERSED	.644
A004	2	TURNING SLOTTED JACKSET	.644
A017		TURNING SLOTTED JACKSET, REVERSED	.444
A021	3	TURNING HEX JACKSET	.144
A022		TURNING JACKSET, REVERSED	.144

.075 SERIES 3 & 4 ROW INTERFACIAL SILICONE RUBBER GASKETS

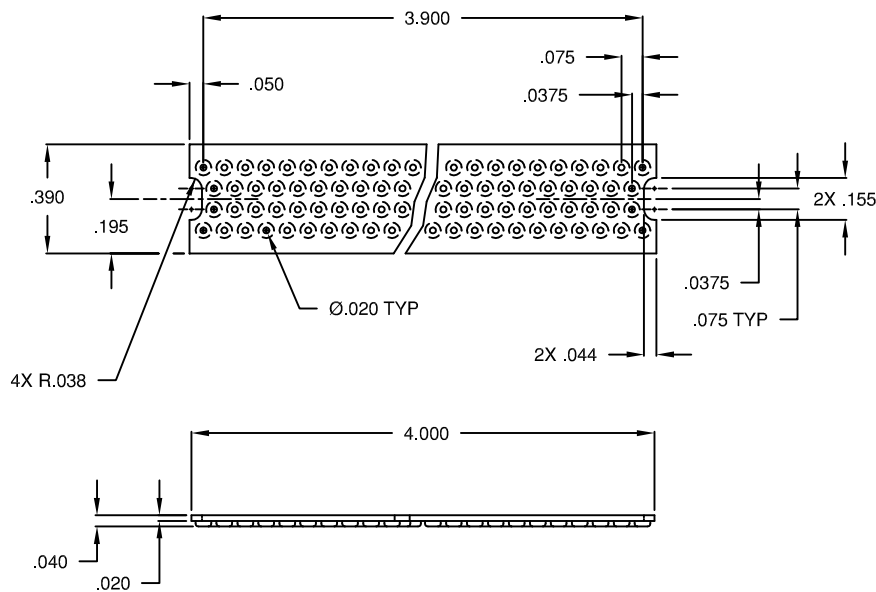


R3018 - 3 ROW GASKET

Dimensions			
Part No.	No. of Cnt's	"X" REF	"Y"
R3018-80	080	1.950	2.035
R3018-122	122	3.000	3.085
R3018-152	152	3.750	3.835

USED WITH CONNECTORS:

AAC, ACC, AAA ACA, ABM



R3019 - 4 ROW GASKET

USED WITH CONNECTORS:

AAJ, ACJ

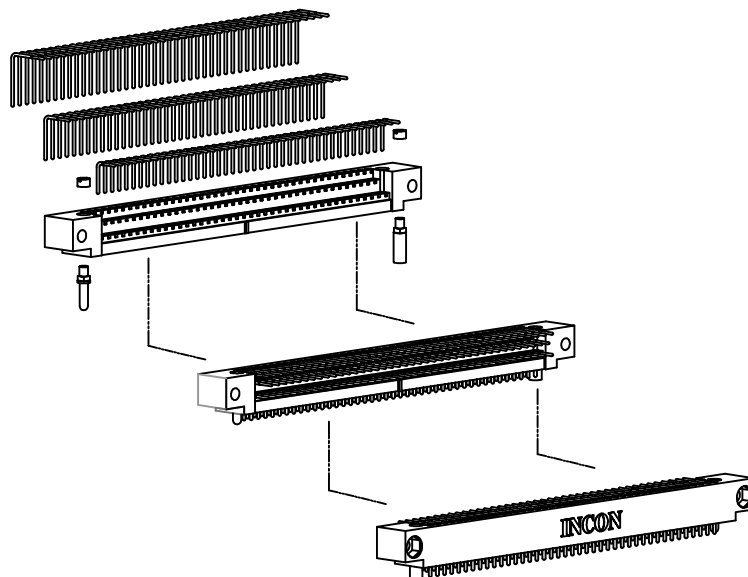
GASKET MATERIAL: SILICONE RUBBER PER A-A-59588, NATURAL, CLASS 1B, GRADE 50.

Variations

"F" Series .075" 

Variation	Description
A00	No Variation
AAA	Solder Dip Terminations
AAE	Epoxy Hex Nuts
ACB	Bag Hardware and Solder Dip Terminations
ACC	Reverse Marking and Solder Dip Terminations
ACP	Bag Hardware
ACR	Reverse Marking
ACW	Epoxy Hex Nuts and Solder Dip Terminations

Consult Factory for Special Variations



M55302/190

MILITARY PART NUMBER	INCON PART NUMBER
M55302/190L A****X	AAD***A061A003A00
M55302/190L A****Y	AAD***A061R201A00
M55302/190L A****Y (-**)	AAD***A061R2**A00
M55302/190L A****F	AAD***A061A0010A00
M55302/190L A****S	AAD***A061A009A00
M55302/190L A****N	AAD***A061A014A00
M55302/190L A****L	AAD***A061A011A00
M55302/190L A****M	AAD***A061A001A00
M55302/190L B****X	AAD***A062A003A00
M55302/190L B****Y	AAD***A062R201A00
M55302/190L B****Y (-**)	AAD***A062R2**A00
M55302/190L B****F	AAD***A062A010A00
M55302/190L B****S	AAD***A062A009A00
M55302/190L B****N	AAD***A062A014A00
M55302/190L B****L	AAD***A062A011A00
M55302/190L B****M	AAD***A062A001A00
M55302/190L C****X	AAD***A063A003A00
M55302/190L C****Y	AAD***A063R201A00
M55302/190L C****Y (-**)	AAD***A063R2**A00
M55302/190L C****F	AAD***A063A010A00
M55302/190L C****S	AAD***A063A009A00
M55302/190L C****N	AAD***A063A014A00
M55302/190L C****L	AAD***A063A011A00
M55302/190L C****M	AAD***A063A001A00
M55302/190L D****X	AAD***A064A003A00
M55302/190L D****Y	AAD***A064R201A00
M55302/190L D****Y (-**)	AAD***A064R2**A00
M55302/190L D****F	AAD***A064A010A00
M55302/190L D****S	AAD***A064A009A00
M55302/190L D****N	AAD***A064A014A00
M55302/190L D****L	AAD***A064A011A00
M55302/190L D****M	AAD***A064A001A00
M55302/190L E****X	AAD***A065A003A00
M55302/190L E****Y	AAD***A065R201A00
M55302/190L E****Y (-**)	AAD***A065R2**A00
M55302/190L E****F	AAD***A065A010A00
M55302/190L E****S	AAD***A065A009A00
M55302/190L E****N	AAD***A065A014A00
M55302/190L E****L	AAD***A065A011A00
M55302/190L E****M	AAD***A065A001A00

M55302/191

MILITARY PART NUMBER	INCON PART NUMBER
M55302/191A****X	AAE***A017A003A00
M55302/191A****Y	AAE***A017P201A00
M55302/191A****Y (-**)	AAE***A017P2**A00
M55302/191A****F	AAE***A017A0010A00
M55302/191A****S	AAE***A017A009A00
M55302/191A****N	AAE***A017A014A00
M55302/191A****L	AAE***A017A011A00
M55302/191A****M	AAE***A017A001A00
M55302/191B****X	AAE***A018A003A00
M55302/191B****Y	AAE***A018P201A00
M55302/191B****Y (-**)	AAE***A018P2**A00
M55302/191B****F	AAE***A018A010A00
M55302/191B****S	AAE***A018A009A00
M55302/191B****N	AAE***A018A014A00
M55302/191B****L	AAE***A018A001A00
M55302/191B****M	AAE***A018A001A00
M55302/191C****X	AAE***A019A003A00
M55302/191C****Y	AAE***A019P201A00
M55302/191C****Y (-**)	AAE***A019P2**A00
M55302/191C****F	AAE***A019A010A00
M55302/191C****S	AAE***A019A009A00
M55302/191C****N	AAE***A019A014A00
M55302/191C****L	AAE***A019A001A00
M55302/191C****M	AAE***A019A001A00

M55302/193

MILITARY PART NUMBER	INCON PART NUMBER
M55302/193A****X	AAB***A005A003A00
M55302/193A****Y	AAB***A005P201A00
M55302/193A****Y (-**)	AAB***A005P2**A00
M55302/193A****F	AAB***A005A010A00
M55302/193A****S	AAB***A005A009A00
M55302/193A****N	AAB***A005A014A00
M55302/193A****L	AAB***A005A011A00
M55302/193A****M	AAB***A005A001A00
M55302/193B****X	AAB***A006A003A00
M55302/193B****Y	AAB***A006P201A00
M55302/193B****Y (-**)	AAB***A006P2**A00
M55302/193B****F	AAB***A006A010A00
M55302/193B****S	AAB***A006A009A00
M55302/193B****N	AAB***A006A014A00
M55302/193B****L	AAB***A006A011A00
M55302/193B****M	AAB***A006A001A00
M55302/193C****X	AAB***A007A003A00
M55302/193C****Y	AAB***A007P201A00
M55302/193C****Y (-**)	AAB***A007P2**A00
M55302/193C****F	AAB***A007A010A00
M55302/193C****S	AAB***A007A009A00
M55302/193C****N	AAB***A007A014A00
M55302/193C****L	AAB***A007A011A00
M55302/193C****M	AAB***A007A001A00

M55302/192

MILITARY PART NUMBER	INCON PART NUMBER
M55302/192L A****X	AAA***A061A003A00
M55302/192L A****Y	AAA***A061R201A00
M55302/192L A****Y (-**)	AAA***A061R2**A00
M55302/192L A****F	AAA***A061A0010A00
M55302/192L A****S	AAA***A061A009A00
M55302/192L A****N	AAA***A061A014A00
M55302/192L A****L	AAA***A061A011A00
M55302/192L A****M	AAA***A061A001A00
M55302/192L B****X	AAA***A062A003A00
M55302/192L B****Y	AAA***A062R201A00
M55302/192L B****Y (-**)	AAA***A062R2**A00
M55302/192L B****F	AAA***A062A010A00
M55302/192L B****S	AAA***A062A009A00
M55302/192L B****N	AAA***A062A014A00
M55302/192L B****L	AAA***A062A011A00
M55302/192L B****M	AAA***A062A001A00
M55302/192L C****X	AAA***A063A003A00
M55302/192L C****Y	AAA***A063R201A00
M55302/192L C****Y (-**)	AAA***A063R2**A00
M55302/192L C****F	AAA***A063A010A00
M55302/192L C****S	AAA***A063A009A00
M55302/192L C****N	AAA***A063A014A00
M55302/192L C****L	AAA***A063A011A00
M55302/192L C****M	AAA***A063A001A00
M55302/192L D****X	AAA***A064A003A00
M55302/192L D****Y	AAA***A064R201A00
M55302/192L D****Y (-**)	AAA***A064R2**A00
M55302/192L D****F	AAA***A064A010A00
M55302/192L D****S	AAA***A064A009A00
M55302/192L D****N	AAA***A064A014A00
M55302/192L D****L	AAA***A064A011A00
M55302/192L D****M	AAA***A064A001A00
M55302/192L E****X	AAA***A065A003A00
M55302/192L E****Y	AAA***A065R201A00
M55302/192L E****Y (-**)	AAA***A065R2**A00
M55302/192L E****F	AAA***A065A010A00
M55302/192L E****S	AAA***A065A009A00
M55302/192L E****N	AAA***A065A014A00
M55302/192L E****L	AAA***A065A011A00
M55302/192L E****M	AAA***A065A001A00

INCON Inc.

MIL-DTL-55302 Cross Reference

- NOTES:
1. FOR /190 & /191, *** INDICATES NUMBER OF PIN COUNTS, 10 THRU 100.
 2. FOR /192 & /193, *** INDICATES NUMBER OF PIN COUNTS, 122 & 152 ONLY.
 3. (**) INDICATES THE POLARIZATION FROM 00 TO 64.

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