

## Tech Notes

**Title:** Identifying the probe termination that I have or the one I need

**Created:** 17 Jul 2012

**Last Revised:**

**Applies To:** All probes

**Problem Description:** Termination type not clearly defined.

**Resolution/Work Around:** Find the correct termination from the choices below:



Type	Infocon – DIN – 6 Pin
Designator	A
Example	5615-12-A
Readout	9142-P, 9143-P, 9144-P, 9190A-P (P=process readout option)
Model	N/A
Part #	3707630
Description	914X - INFO-CON DIN CONNECTOR
Dim. (H*W*L)	5/8" x 5/8" x 2 5/16"



Type	Bare Wire
Designator	B
Example	5615-12-B
Readout	All 1560 modules, 1529, 1575, 1590, 1594A, & 1595A
Model	N/A
Part #	3707630
Description	914X - INFO-CON DIN CONNECTOR
Dim. (Length)	4" to 6" stripped and 3/8" tinned



Type	DIN – 5 Pin
Designator	D
Example	5615-12-D
Readout	1502A, 1504, 9170-R, 9171-R, 9172-R, & 9173-R (R=ref. option)
Model	2505
Part #	1650686
Description	CONNECTOR, SPARE DIN, 5 PIN
Dim. (H*W*L)	5/8" x 5/8" x 2 5/16"



Type	Gold Pins
Designator	G
Example	5615-12-G
Readout	Not common. All 1560 modules, 1529, 1575, 1590, 1594A, 1595A.
Model	N/A
Part #	3711521
Description	CONN,SINGLE PIN/SOCKET,CRIMP PINS,20-26AWG,GOLD
Dim. (H*W*L)	1/32" x 1/32" x 1/4" (exposed gold pin)



Type	Infocon – Old Style
Designator	I
Example	5615-12-I
Readout	1521 & 1522
Model	2371
Part #	1650446
Description	CONNECTOR, INFO-CON
Dim. (H*W*L)	½" x 1 ¼" x 1 ¾"



Type	Spade Mini
Designator	L
Example	5615-12-L
Readout	1529
Model	N/A
Part #	3770116
Description	CONR, GOLD SPADE LUG SMALL
Dim. (H*W*L)	½" x 5/16" x 3/8" (spade) 3/16" (gap)



Type	Infocon – LEMO - PRT
Designator	P
Example	5615-12-P
Readout	1523 & 1524
Model	2384-P
Part #	3376734
Description	Smart Connector, PRT (GRAY CAP)
Dim. (H*W*L)	9/16" x 9/16" x 13/16"



Type	Banana Jack Large
Designator	J
Example	5615-12-J
Readout	2560, 2561, 2563, 1575, 1590, 1594A, 1595A
Model	N/A
Part #	3711669 3711678 2195624
Description	CONN,BANANA PLUG, GREEN CONN, BANANA PLUG, RED CONN,4MM BANANA PLUG,BLACK
Dim. (H*W*L)	3/16" x 3/16" x 9/16" (exposed pin) 5/8" x 3/8" x 1 ½" (over all)



Type	Banana Jack Mini
Designator	M
Example	5615-12-M
Readout	1529 & 1586A DAQ Stack
Model	N/A
Part #	3711640 3711657
Description	CONN,2MM BANANA PLUG,RED CONN,2MM BANANA PLUG,BLACK
Dim. (H*W*L)	1/8" x 1/8" x 5/16" (exposed pin) 3/16" x 3/16" x 15/16" (over all)



Type	Thermocouple Mini
Designator	R (No Reference Junction)
Example	5649-20-R
Readout	1529, 2565, 9142-P, 9143-P, & 9144-P (P=process readout option)
Model	N/A
Part #	3719329
Description	CONN,MINI THERMOCOUPLE,TYPE RS,MALE,GREEN
Dim. (H*W*L)	5/16" x 5/8" x 1 5/16" 1/2" copper



Type	Spade Large
Designator	S
Example	5615-12-S
Readout	2560, 2561, 2563, 2567, 1575A, 1590, 1594A, 1595A
Model	N/A
Part #	3770125
Description	CONR, GOLD SPADE LUG LARGE
Dim. (H*W*L)	1/32" x 7/16" x 5/8" (spade) 1/4" (gap)



Type	Infocon - LEMO - TC
Designator	T
Example	5649-20-T
Readout	1523, 1524
Model	2384-T
Part #	3376741
Description	Smart Connector, TC (BLUE CAP)
Dim. (H*W*L)	9/16" x 9/16" x 13/16"



Type	Thermocouple Mini
Designator	W (Reference Junction)
Example	5649-20CW
Readout	1529, 2565, 9142-P, 9143-P, & 9144-P (P=process readout option)
Model	N/A
Part #	3719334
Description	CONN,MINI THERMOCOUPLE,TYPE U,MALE,WHITE
Dim. (H*W*L)	5/16" x 5/8" x 1 5/16" 1/2" copper