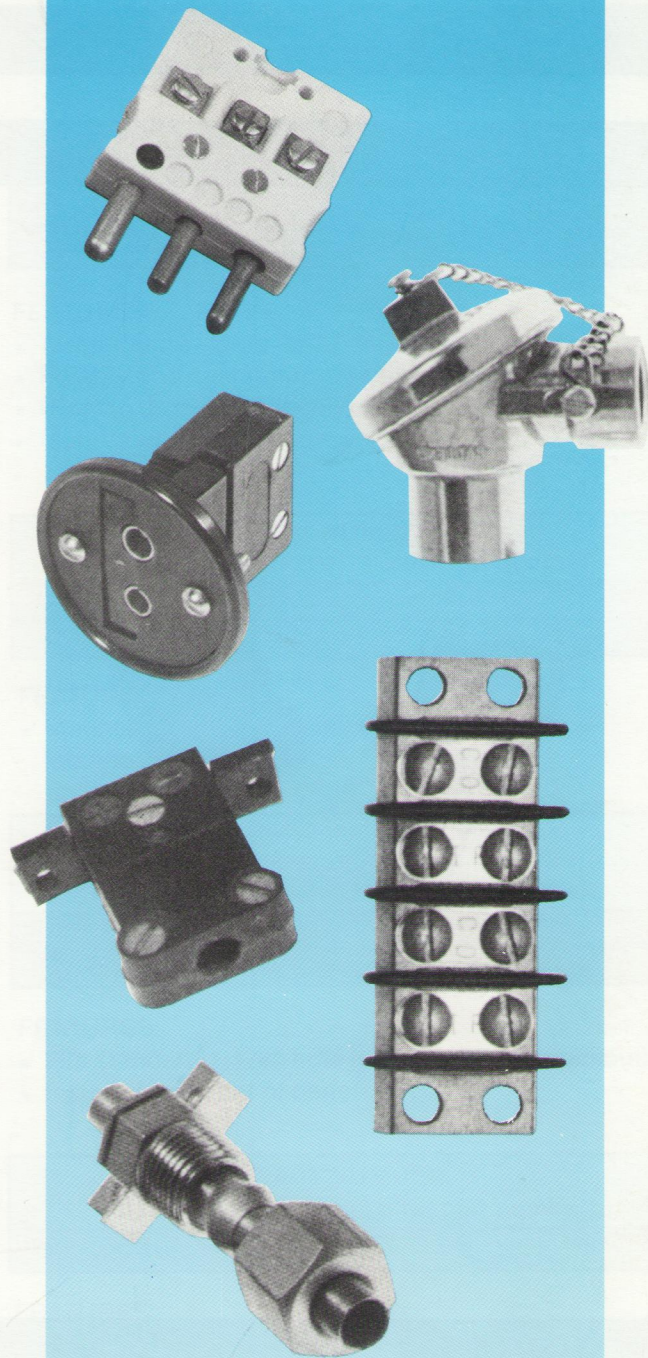


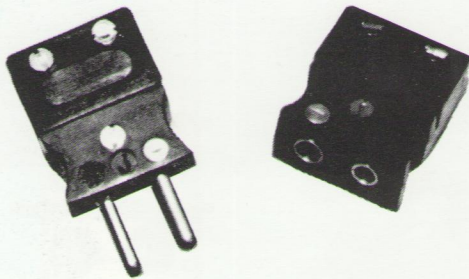


THERMOCOUPLE AND R.T.D. ACCESSORIES



STANDARD T/C ACCESSORIES

PLUGS AND JACKS



PART NUMBERS (Insert calibration in () after part number)

C10-(JKTRUEN) Plug w/hollow pins
C11-(JKTRUEN) Plug w/solid pins
*C12-(JKTRUEN) Plug w/hollow pins & hi-temp case
*C13-(JKTRUEN) Plug w/solid pins & hi-temp case
C20-(JKTRUEN) Jack
*C22-(JKTRUEN) Jack w/hi-temp case

* Hi-Temp cases (brown color only), 450°F (500°F max.)

FEATURES:

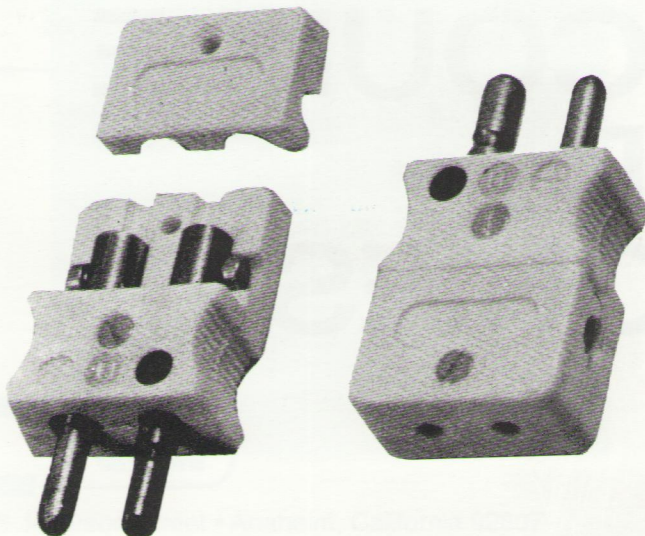
- Accepts standard tube adaptors and cable clamps
- Compatible with similar standard connectors
- Temperature rating of 350°F (400°F max.)
- Polarity and calibration marked
- Glass-filled nylon cases
- Red discs mark negative terminals
- Knurled finger grips

PLUGS AND JACKS AVAILABLE ANSI CALIBRATION *CASE COLOR

ANSI CALIBRATION	*CASE COLOR
type J Iron/Constantan	black
type K Chrome/Alumel	yellow
type T Copper/Constantan	blue
type R/S Platinum/Plat. Rhodium	green
type E Chromel/Constantan	purple
type N Nicrosil/Nisil	orange
type U Uncompensated CU/CU	white

* Color code applies to all standard Plugs and Jacks

JAB-IN TYPE PLUGS AND JACKS



PART NUMBERS (Insert calibration in () after part number)

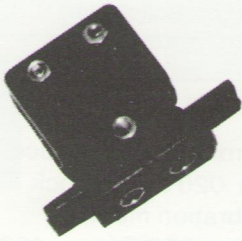
C14-(JKTRUE) Plug
C24-(JKTRUE) Jack

FEATURES:

- Pins and sockets machined from solid Thermocouple bar stock
- Temperature rating 350°F (max. 400°F)
- Standard units accept lead wire to 14 gauge
- Special for 8 gauge wire (for type K plug only)
Example: C-14-K-8 or C24-K-8
- Quick connection of lead wire
(Insert wire and tighten set screws)

STANDARD PANEL JACKS

STANDARD



PART NUMBERS
(Insert calibration in () after part number)

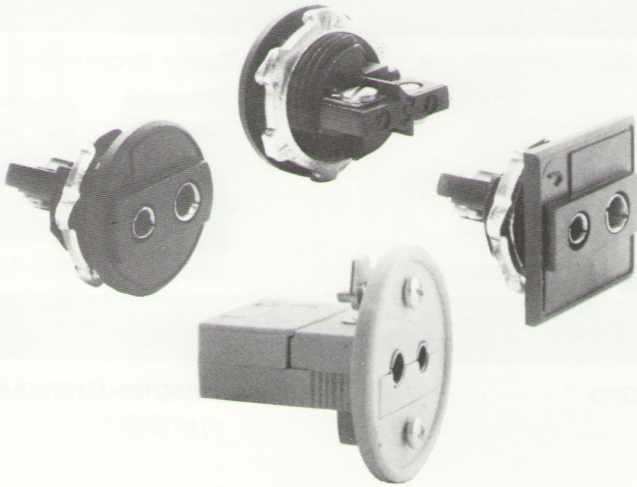
C30-(JKTRUEN) Standard panel jack

C34-(JKTRUEN) Hi-temp std. panel jack

FEATURES:

- Temperature rating 350°F (max. 400°F)
- Polarity and calibration clearly marked
- Hi-temp (brown color only) 450°F (max. 500°F)
- Mounts with two #4 screws

CIRCULAR/SQUARE



PART NUMBERS
(Insert calibration in () after part number)

CSJ-(JKTRUE)-20 R Round (color coded)

CSJ-(JKTRUE)-20 S Square (color coded)

FEATURES:

- Mounts in round 1/2" electrical knockout (standard 7/8" hole)

PART NUMBERS
Circular only
(Insert calibration in () after part number)

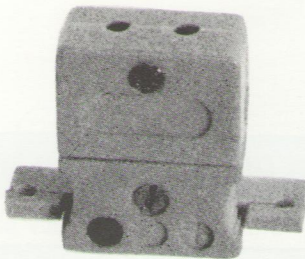
C32-(JKTRUEN) Standard units (350°F) color coded

C35-(JKTRUEN) Hi-temp units (450°F) brown cases

FEATURES:

- Fits standard 1-1/8" hole (standard 3/4" knockout)
- Installs from front of panel

JAB-IN



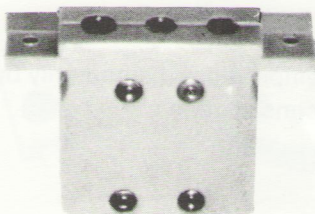
PART NUMBER
(Insert calibration in () after part number)

C31-(JKTRUE) Color coded

FEATURES:

- Jab-in sockets are machined from solid Thermocouple bar stock
- Quick connection of lead wire (tighten set screws)

3-PIN



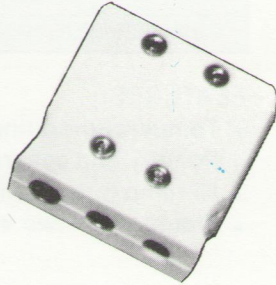
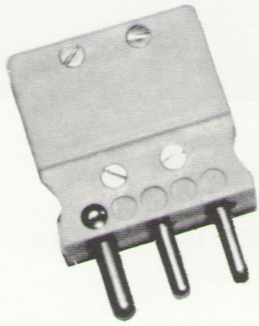
PART NUMBER
(Insert calibration in () after part number)

C33-(JKTRUE) Color coded

FEATURES:

- Fool-proof connection
- Recommended for most 3 wire sensor circuits
- Mounts with two #4 screws

STANDARD 3-PIN PLUGS AND JACKS



PART NUMBERS (Insert calibration in () after part numbers)

C16-(JKTRUE)	Plug, Solid Pins
C17-(JKTRUE)	Plug, 2 Hollow Pins, 1 Solid Pin.
C25-(JKTRUE)	Jack

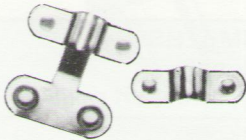
FEATURES:

- Pins machined from solid thermocouple bar stock or hollow pins from .020 sheet stock
- Polarity and calibration marked
- Temperature rating 350°F (max. 400°F)

STANDARD CABLE CLAMPS AND ACCESSORIES

Standard Cable Clamp

P/N C40



Neoprene Boots

P/N C420



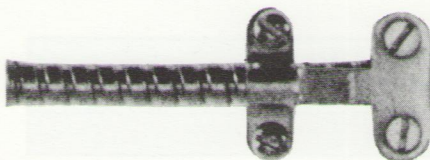
Cable Clamp Grommets

P/N C44



Cable Clamp for 3/8" Sheath

P/N C40-3



Dual Cable Clamp

P/N C60

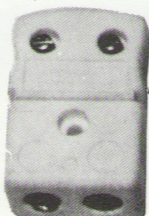


Neoprene Entrance Grommets

P/N C41



HEAVY DUTY HIGH TEMPERATURE CERAMIC PLUGS AND JACKS



PART NUMBERS (Insert calibration in () after part numbers)

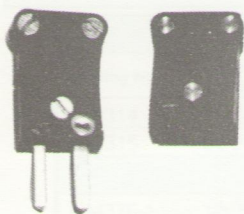
CHXH-(JKTRUEN)-10	Plug
CHXH-(JKTRUEN)-20	Jack

HEAVY DUTY FEATURES:

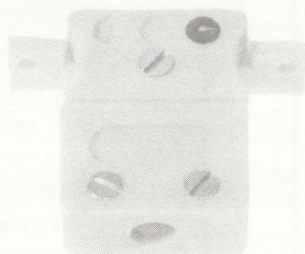
- Glazed Ceramic
- Ultra high temperature (limited only by sensor)
- Hollow pin construction

MINIATURE THERMOCOUPLE ACCESSORIES

PLUGS AND JACKS



Mini Plug and Jack



Mini Panel Jack

PART NUMBERS (Insert calibration in () after part number)

C110-(JKTRUE) Plug

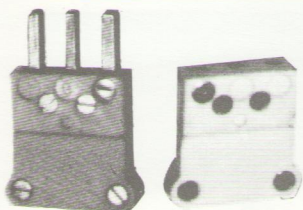
C120-(JKTRUE) Jack

C130-(JKTRUE) Panel Jack

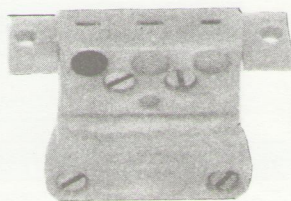
FEATURES:

- Accepts mini tube adaptors and cable clamps
- Compatible with similar mini connectors
- Temperature rating of 350°F (400°F max.)
- Polarity and calibration marked
- Glass-filled nylon cases
- Red discs mark negative terminals

3-PIN PLUGS AND JACKS



Mini Plug and Jack



Mini Panel Jack

PART NUMBERS (Insert calibration in () after part number)

C116-(JKTRUE) Plug

C126-(JKTRUE) Jack

C131-(JKTRUE) Panel Jack

MINIATURE CABLE CLAMPS AND ACCESSORIES

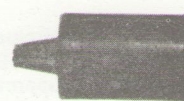
Entrance Grommets
P/N C141



Cable Clamp
P/N C140



Neoprene Boots
P/N C1420

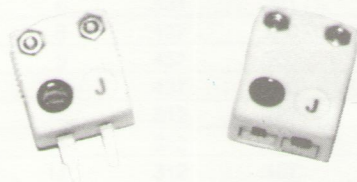


Fine Wire Nylon Washers
P/N C142



Cable Clamp Grommets
P/N C144

CERAMIC PLUGS AND JACKS



PART NUMBERS (Insert calibration in () after part number)

CHX-(JKTRUE)-110 Plug

CHX-(JKTRUE)-120 Jack

FEATURES:

- Glazed Ceramic
- Ultra high temperature (limited only by sensor)
- Terminal screws designed for easy connection

MINIATURE R.T.D. IN LINE CONNECTORS



PART NUMBERS

Insert (3) for 3 wire or (4) for 4 wire

CA10-() Male

CA20-() Female

FEATURES:

- Mechanically locked
- Strain relief
- Wire size to .115"
- Can be used with most R.T.D. calibrated instruments
- Fool proof polarization

PANELS

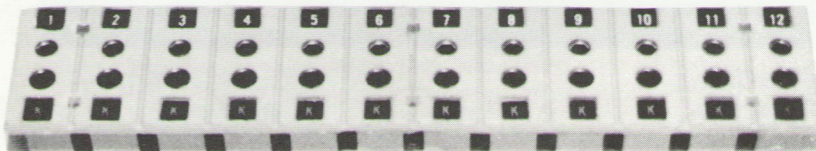
STRIP JACK PANELS

PART NUMBERS

(Insert calibration in () after part number)

C1033-(JKTREU)-(number of circuits) Standard

C1241-(JKTREU)-(number of circuits) Miniature



JACK PANELS

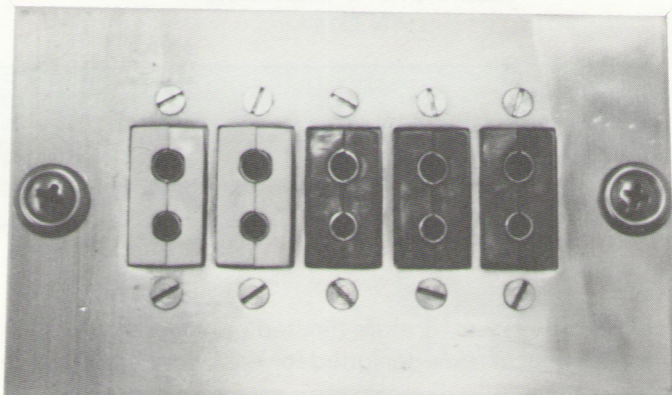
PART NUMBERS

(Insert calibration in () after part number)

C530 -(JKTREU)-(number of circuits) Standard

C5130-(JKTREU)-(number of circuits) Miniature

C531 -(JKTREU)-(number of circuits) Jab-In
(standard size only)



THERMOCOUPLE INSULATORS

MULLITE INSULATORS

Maximum Continuous Temperature 2642°F (1450°C)
 Maximum Intermittent Temperature 3000°F (1650°C)

— FEATURES —

- High Temperature • Low Thermal Expansion
- Good Mechanical Strength

ROUND-SINGLE HOLE

Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
CM314	12-14	.125	.093	12
CM315	22-24	.062	.031	12

ROUND-DOUBLE HOLE

Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
CM376-1	18-20	.156	.046	1
CM376-3	18-20	.156	.046	3
CM377-12	16-18	.250	.062	12
CM333-1	22-24	.125	.031	1
CM333-2	22-24	.125	.031	2
CM333-12	22-24	.125	.031	12
CM333-18	22-24	.125	.031	18
CM333-24	22-24	.125	.031	24

ROUND-FOUR HOLE

Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
CM360	14	.312	.091	1
CM378	18	.187	.046	1
CM350	8	.472	.157	1

OVAL-DOUBLE HOLE

Catalog No.	Wire Gauge	Width	Dimensions Thickness	Inches* Bore	Length
CM372-1	8	.468	.281	.156	1
CM372-3	8	.468	.281	.156	3
CM373-1	14	.375	.218	.093	1

CORDIERITE INSULATORS

Maximum Continuous Temperature 2282°F (1250°C)
 Maximum Intermittent Temperature 2372°F (1300°C)

— FEATURES —

- Excellent Thermal Shock Resistance • Fair Physical Strength
- Fair Electrical Properties

ROUND-DOUBLE HOLE

Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
CC321	6	.505	.188	1
CC327-1	8	.465	.171	1
CC327-3	8	.465	.171	3
CC320-1	8	.385	.145	1
CC320-3	8	.385	.145	3
CC323-1	14	.250	.081	1
CC323-3	14	.250	.081	3
CC324	18-20	.156	.046	1 1/2

OVAL-DOUBLE HOLE

Catalog No.	Wire Gauge	Width	Dimensions Thickness	Inches* Bore	Length
CC300	4	.718	.412	.218	1
CC301-3/8	6	.531	.281	.170	3/8
CC301-1	6	.531	.281	.170	1
CC301-3	6	.531	.281	.170	3
CC303-1/2	8	.437	.250	.156	1/2
CC303-1	8	.437	.250	.156	1
CC303-3	8	.437	.250	.156	3
CC309-1/2	14	.312	.187	.080	1/2
CC309-1	14	.312	.187	.080	1
CC309-3	14	.312	.187	.080	3

STEATITE INSULATORS

Maximum Continuous Temperature 1832°F (1000°C)
 Maximum Intermittent Temperature 2372°F (1300°C)

— FEATURES —

- Excellent Physical Strength • Poor Thermal Shock Resistance
- Good Electrical Properties

ROUND-DOUBLE HOLE

Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
CS385-1	14	.245	.073	1
CS385-2	14	.245	.073	2
CS385-3	14	.245	.073	3

OVAL-DOUBLE HOLE

Catalog No.	Wire Gauge	Width	Dimensions Thickness	Inches* Bore	Length
CS380	8	.500	.284	.156	1
CS381-1/4	14	.313	.187	.080	1/4
CS381-1	14	.313	.187	.080	1
CS382-1	20	.172	.118	.042	1
CS383-1	24	.144	.091	.028	1

BALL & SOCKET INSULATORS - FISH SPINE

Catalog No.	Wire Gauge	Width	Dimensions Dia.	Length	No. Pcs. Per Lb.
CS340	17-20	.11	.056	.11	18,160
CS341	16	.17	.068	.17	5,200
CS342	14	.20	.092	.20	3,100
CS344	8	.26	.156	.26	1,720
CS346	8	.40	.156	.40	360
CS347	6	.40	.180	.40	405
CS349	4	.54	.240	.54	160

ALUMINA INSULATORS

Maximum Continuous Temperature 3000°F (1650°C)
 Maximum Intermittent Temperature 3300°F (1815°C)

— FEATURES —

- Excellent High Temperature Insulation
- Good Electrical Properties • Good Mechanical Properties
- Use for Precious Metal Thermocouples R, S, B, Platinel II

ROUND-DOUBLE HOLE

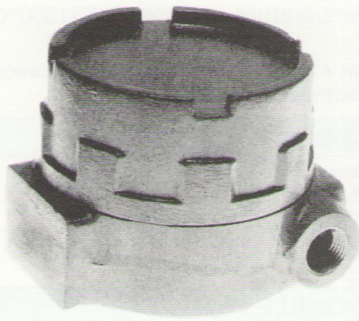
Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
2HRAL.083-12	24-30	.083	.024	12
2HRAL.083-18	24-30	.083	.024	18
2HRAL.083-24	24-30	.083	.024	24
2HRAL.125-12	20-24	.125	.040	12
2HRAL.125-18	20-24	.125	.040	18
2HRAL.125-24	20-24	.125	.040	24
2HRAL.125-36	20-24	.125	.040	36
2HRAL.177-12	18-20	.177	.047	12
2HRAL.177-18	18-20	.177	.047	18
2HRAL.177-24	18-20	.177	.047	24

ROUND-FOUR HOLE

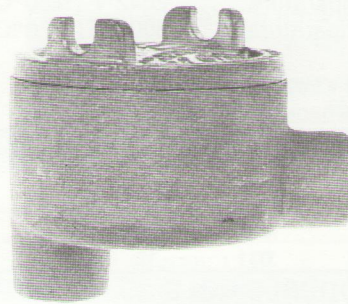
Catalog No.	Wire Gauge	Dimensions Dia.	Inches* Bore	Length
4HRAL.083-12	24-30	.083	.024	12
4HRAL.083-24	24-30	.083	.024	24
4HRAL.138-12	20-24	.138	.040	12
4HRAL.138-24	20-24	.138	.040	24
4HRAL.177-12	18-20	.177	.047	12
4HRAL.177-24	18-20	.177	.047	24

* Plus or minus 1% or plus or minus .005", whichever is greater.

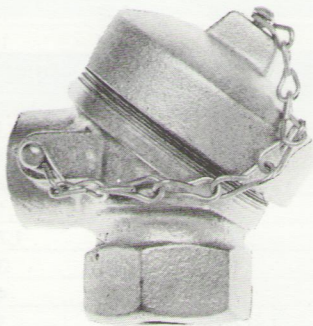
THERMOCOUPLE SCREW COVER HEADS



- Explosion-proof
 - Cast aluminum body and cap
 - Rated for: Class I, Groups C, D, Class II, Groups E, F, G, Class III
 - ½ NPT process with ½ NPT conduit is standard
 - For use with 2-wire transmitter
- Part # HECAT



- Explosion-proof
 - Cast aluminum body and cap
 - For use with 2-wire transmitter
 - Rated for Class I, Groups C, D, Class II, Groups E, F, G, Class III
 - ½ NPT process with ½ NPT conduit is standard
- Part # HECA



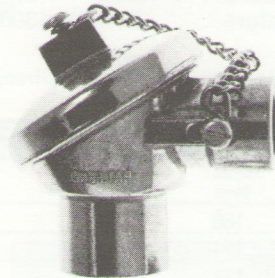
- Universal head
 - Cast iron
 - Heavy duty
 - ½ NPT process with ¾ NPT conduit is standard
- Part # HUCI



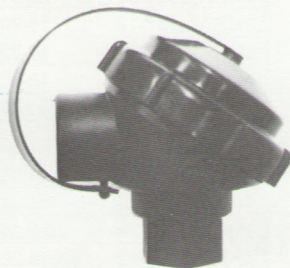
- Die cast aluminum
 - Slightly smaller than type HUCA
 - ½ NPT process with ¾ NPT conduit is standard
 - Epoxy coated available
- Part # HSCA



- Cast iron
 - Heavy duty
 - For use where larger universal head is not required
 - ½ NPT process with ¾ NPT conduit is standard
- Part # HSCI

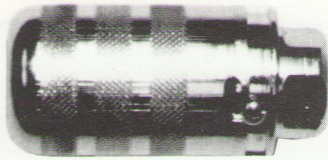


- Miniature head
 - Burnished die cast aluminum
 - ½ NPT process with compression fitting adaptor and rubber ferrule
- Part # HMCA



- Screw cover PVC head
 Impervious to most corrosive media
 Rated to 220°F
 Supplied with terminal block (single or duplex)
- ½ NPT process with ½ NPT conduit
- Black or White available

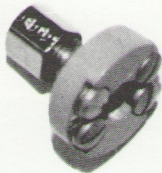
Part # HUPVC-1 (single)
 Part # HUPVC-2 (duplex)



2, 3, or 4 terminal
"O" ring moisture seal

Neoprene cap grommet standard
1/4" process opening

Part No.	Description
HCAN-2	2 Terminal Head with Cap and Grommet
HCAN-3	3 Terminal Head with Cap and Grommet
HCAN-4	4 Terminal Head with Cap and Grommet

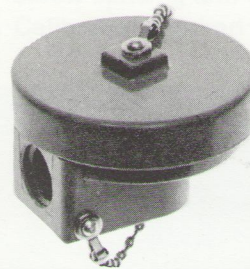


- Terminal disc head
- Single-Duplex (specify)
- Molded thermoset compound rated to 400°F
- I.S.A. color coded
- Compression figure mount

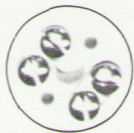
Part # HPD-(*)-#

*Insert (J, K, T, E, R, U, N)

Tubing size (1/16, 1/8, 3/16, 1/4)



- Miniature waterproof head
- Molded of reinforced thermoset compound
- Standard head rated to 350°F
- Hi-temp head rated 800°F



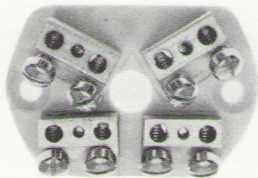
- Terminal disc head
- Single-Duplex (specify)
- Ceramic rated to 1000°F
- Brazed to tubing

Part # HTD-(*)-Single or Duplex (specify)

*Insert tubing size (1/8, 3/16, 1/4)

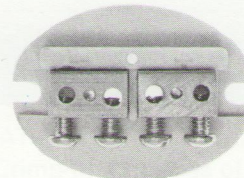
Description	Probe Mount	
	Thread	Part Numbers
Standard	1/4 NPT	HMWS-1
350°F (177°C)	3/8 NPT	HMWS-2
Hi-temp	1/4 NPT	HMWH-3
800°F (427°C)	3/8 NPT	HMWH-4

TERMINAL BLOCKS FOR CONNECTION HEADS



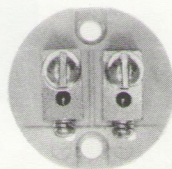
Ceramic block with brass terminals for head types HUCI

Terminals	Part Numbers
2 = single	TBUH-2
4 = duplex	TBUH-4
6 = triplex	TBUH-6



Ceramic block with brass terminals for head types HSCI and HSCA

Terminals	Part Numbers
2 = single	TBSH-2
4 = duplex	TBSH-4



Ceramic block with nickel-plated brass terminals for head type HMCA

Terminals	Part Numbers
2 = single	TBMH-2
4 = duplex	TBMH-4

COMPRESSION FITTINGS



TUBE O.D.	MALE N.P.T.	BRASS CAT.#	ST. ST. CAT.#	ST. ST. TEF FERRULE CAT.#	TEF-TEF CAT.#
1/16	1/16	N/A	CSS-060	CST-060	N/A
1/16	1/8	CBB-06	CSS-06	CST-06	N/A
1/16	1/4	CBB-061	CSS-061	CST-061	N/A
1/8	1/8	CBB-12	CSS-12	CST-12	CTT-12
1/8	1/4	CBB-121	CSS-121	CST-121	N/A
3/16	1/8	CBB-18	CSS-18	CST-18	CTT-18
3/16	1/4	CBB-181	CSS-181	CST-181	N/A
1/4	1/8	CBB-25	CSS-25	CST-25	CTT-25
1/4	1/4	CBB-251	CSS-251	CST-251	CTT-251

TUBE O.D.	MALE N.P.T.	BRASS CAT.#	ST. ST. CAT.#	ST. ST. TEF FERRULE CAT.#	TEF-TEF CAT.#
1/4	3/8	CBB-253	CSS-253	CST-253	N/A
1/4	1/2	CBB-255	CSS-255	CSS-255	N/A
5/16	1/4	CBB-311	CSS-311	CST-311	N/A
5/16	1/2	CBB-315	CSS-315	CST-315	N/A
3/8	1/4	CBB-371	CSS-371	CST-371	CTT-371
3/8	3/8	CBB-373	CSS-373	CST-373	CTT-373
3/8	1/2	CBB-375	CSS-375	CST-375	N/A
1/2	1/2	CBB-505	CSS-505	CST-505	CTT-505

REPLACEMENT FERRULES — Front and Rear



TUBE O.D.	BRASS CAT.#	ST. ST. CAT.#	TEFLON CAT.#
1/16	RFBB-06	RFSS-06	RFTT-06
1/8	RFBB-12	RFSS-12	RFTT-12
3/16	RFBB-18	RFSS-18	RFTT-18
1/4	RFBB-25	RFSS-25	RFTT-25
5/16	RFBB-31	RFSS-31	RFTT-31
3/8	RFBB-37	RFSS-37	RFTT-37
1/2	RFBB-50	RFSS-50	RFTT-50

TERMINAL LUGS



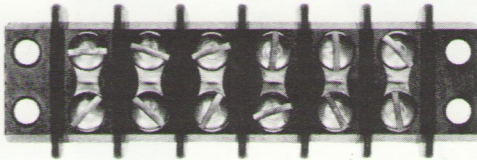
PART NUMBERS

C200-CH	chromel
C200-AL	alumel
C200-IR	iron
C200-CO	constantan
C200-CU	copper
C200-11	alloy 11

FEATURES:

- Use to convert standard barrier terminal blocks to thermocouple compensated units
- Fits cinch type 141 and equivalent with 27/64" screw spacing and 6-32 terminal screws
- Calibration marked

TERMINAL BARRIER BLOCK



Terminals

Part Number C220 - () - ()

2 = single	- (1 circuit) - (JKTERS)
4 = duplex	- (2 circuit) - (JKTERS)
6 = triplex	- (3 circuit) - (JKTERS)
8 = fourplex	- (4 circuit) - (JKTERS)

SPADE LUGS



PART NUMBERS

C210-CH	chromel
C210-AL	alumel
C210-IR	iron
C210-CO	constantan
C210-CU	copper
C210-11	alloy 11

FEATURES:

- Crimp-on ring lugs of thermocouple alloys
- Calibration stamped on ring lugs
- Fits 6-32 terminal screws
- Accepts AWG 18 wire and smaller

RING LUGS



PART NUMBERS

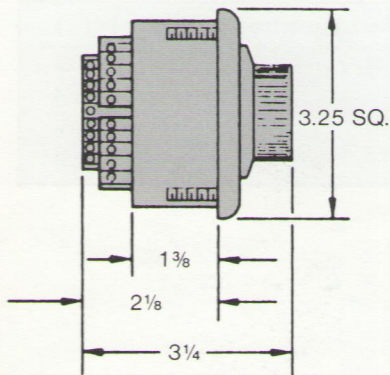
C230-CH	chromel
C230-AL	alumel
C230-IR	iron
C230-CO	constantan
C230-CU	copper
C230-11	alloy 11

FEATURES:

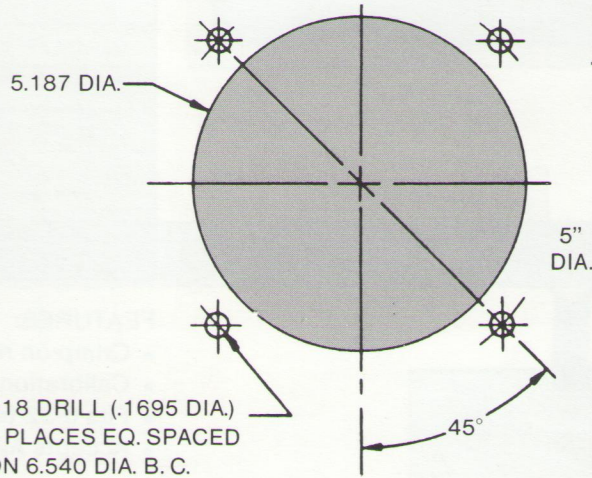
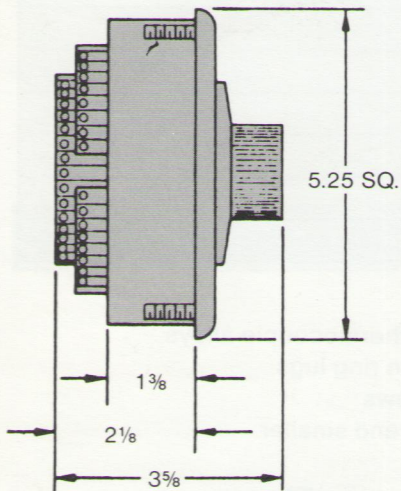
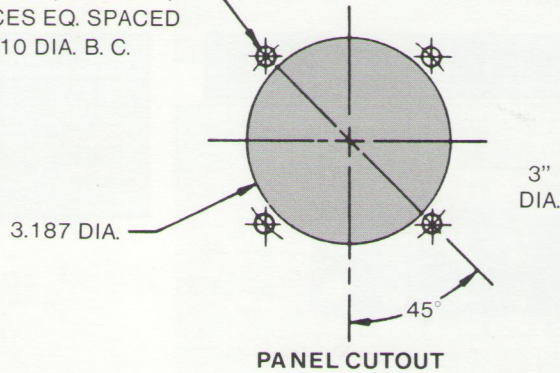
- Crimp-on ring lugs of thermocouple alloys
- Calibration stamped on ring lugs
- Fits 6-32 terminal screws
- Accepts AWG 18 wire and smaller

SWITCHES

- Available in 2 to 40 positions
- 2 pole and 3 pole circuits with "OFF" position
- Silver plated blades and contacts with self-cleaning wiper action and low contact resistance
- Terminals are silver plated brass numbered circuits with polarity identification
- "OFF" position has terminals available for shorting input circuit when using it with a digital meter
- High impact GE Noryl™ case
- Break before make SW3-2 through SW3-10
- Make before break SW3-12 through SW5-40 and SWT-6 through SWT-36



#18 DRILL (.1695 DIA.)
4 PLACES EQ. SPACED
ON 3.710 DIA. B. C.



NOS.	POS.	PART NO.
2	2 POLE	SW3-2
3		SW3-3
4		SW3-4
5		SW3-5
6		SW3-6
8		SW3-8
10		SW3-10
12		SW3-12
14		SW3-14
16		SW3-16
18		SW3-18
20		SW3-20
24		SW5-24
28		SW5-28
32		SW5-32
36		SW5-36
40	SW5-40	
6	3 POLE	SWT-6
12		SWT-12
18		SWT-18
24		SWT-24
28		SWT-28
32		SWT-32
36		SWT-36



1285 Jefferson Street • Anaheim, California 92807
(714) 630-8451 • 1-800-28C-TEMP • FAX (714) 630-3560
www.c-temp.com

YOUR AREA REPRESENTATIVE