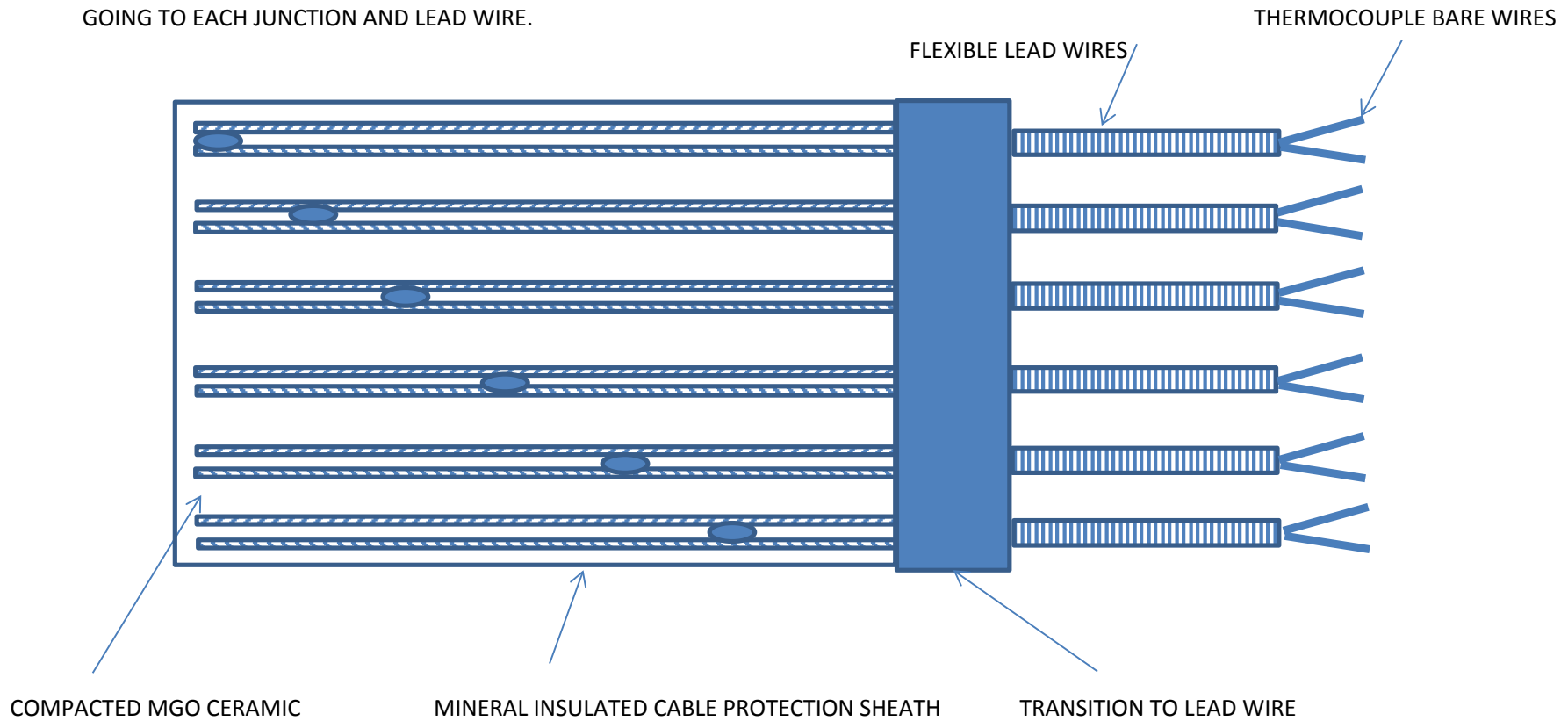


● UNGROUNDED ISOLATED THERMOCOUPLE JUNCTIONS WITH INDIVIDUAL LEGS GOING TO EACH JUNCTION AND LEAD WIRE.



AVAILABLE IN K, J, E, N, CALIBRATIONS AND 304, 316, 310, 321, 347, I600 SHEATH MATERIALS.

MULTIPOINT OVER ALL LENGTHS ARE ONLY LIMITED BY THE AVAILABLE MI CABLE.

THE POCKET JUNCTION THERMOCOUPLE USES OFF THE SHELF MINERAL INSULATED CABLE THAT HAS A DIAGONAL WIRE LAY OUT.

EXAMPLE SHOWS A SCHEMATIC OF A SIX JUNCTION MULTIPOINT THERMOCOUPLE.

TWO JUNCTION THERMOCOUPLES WITH .125" UP TO .500" DIAMETERS ARE AVAILABLE.

THREE, OR FOUR JUNCTION THERMOCOUPLE WITH .188" UP TO .500" ARE AVAILABLE.

FIVE, OR SIX JUNCTION THERMOCOUPLE WITH .313" UP TO .500" ARE AVAILABLE.

SEVEN UP TO NINE JUNCTION THERMOCOUPLE WITH .500" ARE AVAILABLE.

TWO TO SIX JUNCTIONS WILL HAVE A NOMINAL WALL THICKNESS THAT IS 11.8% OF THE SHEATH DIAMETER.

NOMINAL WIRE DIAMETERS ARE: 2 POINT 16.6%, 3 POINT 10.6%, 4 POINT 9%, 5 OR 6 POINT 7.9% OF THE SHEATH DIAMETER.

7, 8, AND 9 POINT POCKET JUNCTIONS WILL HAVE A MINIMUM WALL OF .070" AND A MINIMUM WIRE DIAMETER OF .032".

SKETCH S151207-01-GNH  
POCKET JUNCTION SCHEMATIC  
DATE DECEMBER 07, 2015