

ABSTRACTSTRAIN RELIEF MEANS IN AN ELECTRICAL CONNECTOR ASSEMBLY
FOR RIBBON CABLE

5 A cable strain relief system (18) is provided for
an electrical connector assembly (10) which terminates a
multi-conductor ribbon cable (12). A pair of
interengageable elongated strain relief members (20) clamp
the ribbon cable therebetween. A flexible latch arm (50)
with a latch hook (52) is provided on at least one of the
10 strain relief members. A latch passage (60) and a latch
shoulder (46) is provided on at least the other of the
strain relief members for receiving the latch arm and
latchingly engaging the latch hook of the one strain relief
member. A rigid alignment element (64) is provided on at
15 least one of the strain relief members, and an alignment
opening (66) is provided on at least the other of the
strain relief members for receiving the rigid alignment
element. The latch passage is sized to receive the latch
arm and latch hook freely thereinto with the pair of strain
20 relief members offset relative to each other, and with the
latch arm in an initial unflexed condition. The rigid
alignment element is adapted to be inserted into the
alignment opening after the latch arm has been inserted
into the latch passage to draw the offset strain relief
25 members laterally into alignment and to guide the members
into fully engaged and latched condition with the latch arm
flexed and the latch hook engaged with the latch shoulder.

This Sheet Has Been Replaced
