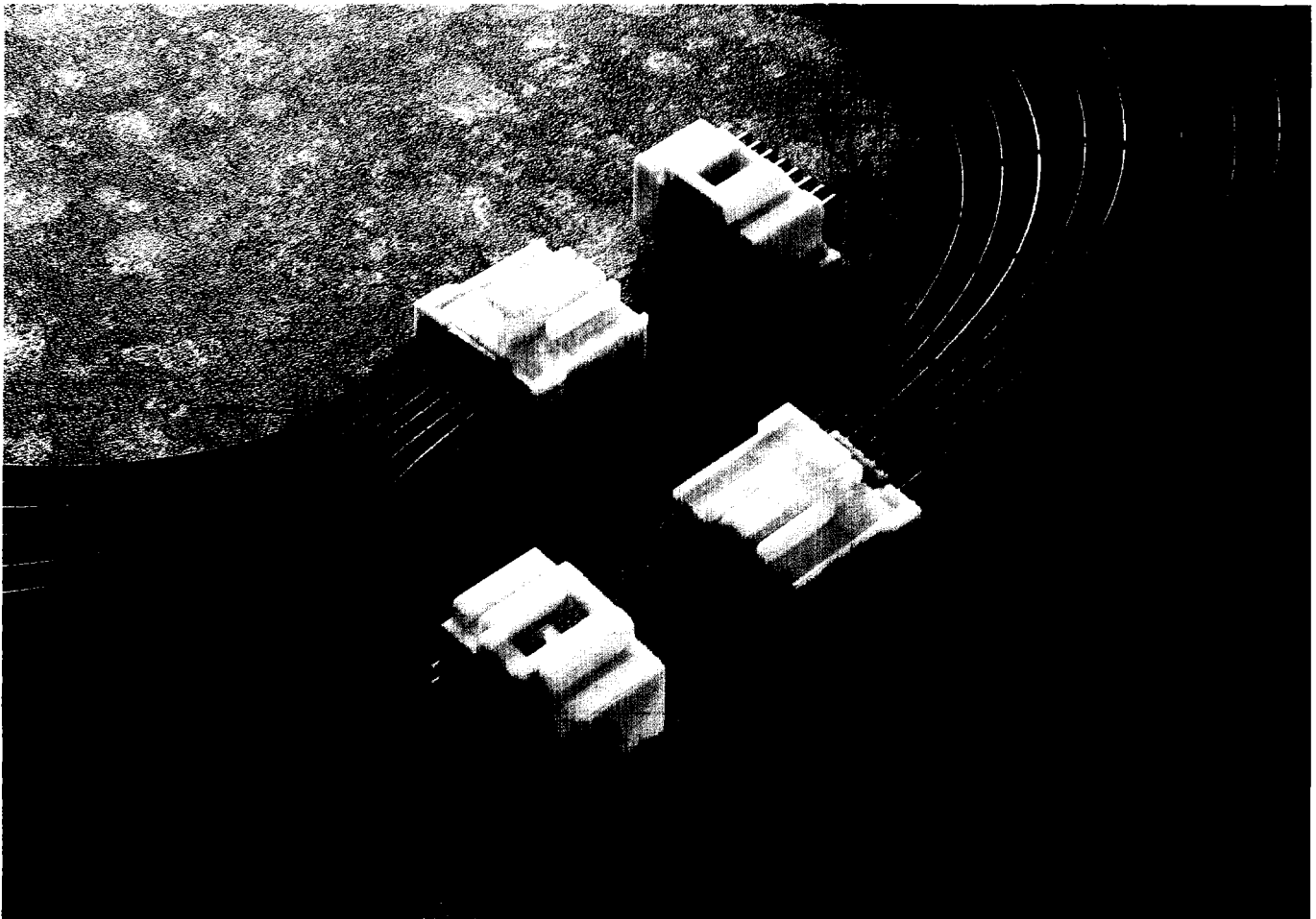


SP CONNECTOR



SP CONNECTOR

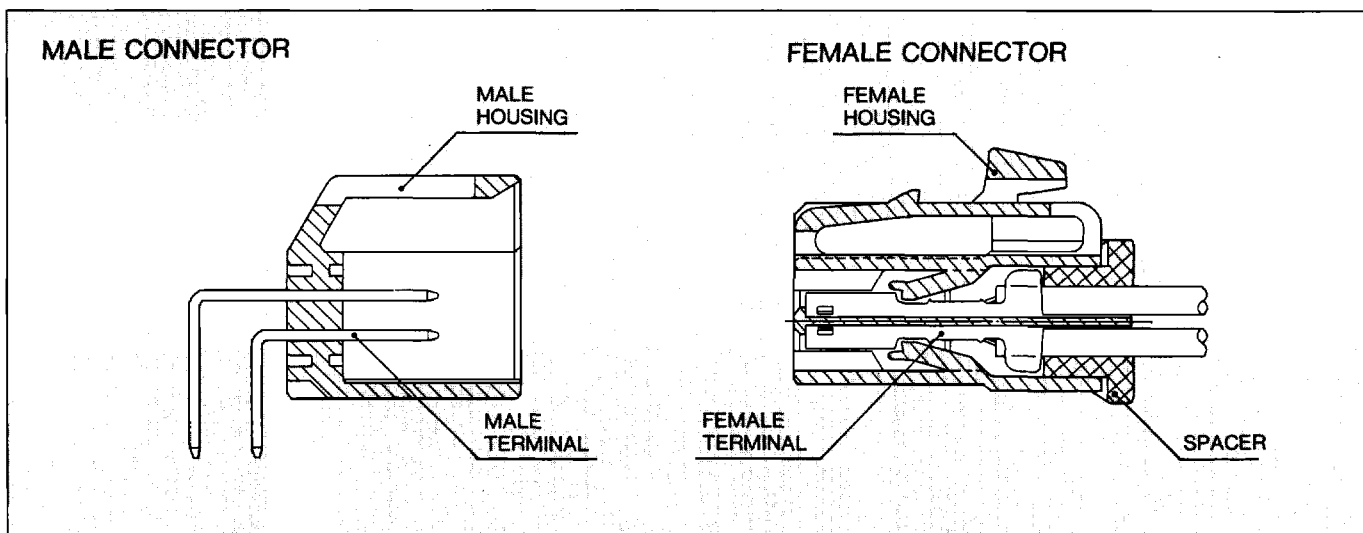
SMALL SIZE MULTI-POLE CONNECTORS WITH HIGH DENSITY PIN CONFIGURATIONS.

2.54 mm TERMINAL PITCH FOR PCB.

(DISTINCTIVE FEATURES)

1. THE CONNECTORS WITH HIGH DENSITY PIN AND COMPLETED THE CONNECTOR OF FEW TO MANY POLES.
2. TWO-PIECE TERMINAL DESIGN, COMBINING HIGHLY DURABLE AND CONDUCTIVE MATERIALS TO FORM A MORE RELIABLE CONTACT AREA.
3. DOUBLE TERMINAL LOCKING SYSTEM ELIMINATES TERMINAL PUSH-OUT (HOUSING LANCE, REAR HOLDER).

CONSTRUCTION



SPECIFICATIONS

MATERIAL	HOUSING	PBT
	MALE TERMINAL	BRASS (TIN PLATING)
	FEMALE TERMINAL	BODY: BRASS (TIN PLATING), SPRING: COPPER ALLOY (TIN PLATING)
*CURRENT CAPACITY (REFERENCE)		3A
RESISTANCE AT LOW VOLTAGE		6mΩ MAX. (INITIAL VALUE)
INSULATION RESISTANCE		DC500V 100MΩ MIN.
DIELECTRIC STRENGTH		AC1000V (1 min.)

*CURRENT CAPACITY WILL BE AFFECTED BY CONDITIONS SUCH AS POLE QUANTITY, WIRE SIZE, AMBIENT TEMPERATURE, ETC.

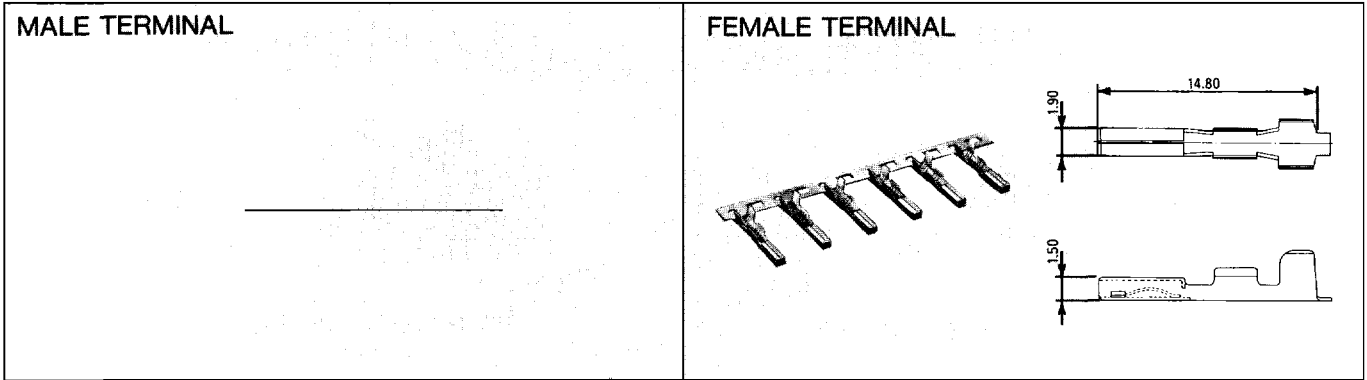
PART NUMBER CHART

PART NAME	MALE TERMINAL	FEMALE TERMINAL
TERMINAL		7116-1261

PART NAME	POLES	MALE CONNECTOR	FEMALE CONNECTOR	
			HOUSING	SPACER
CONNECTOR (VERTICAL TYPE)	10	7222-1309	7123-1307	7157-6307-70
	12	7222-8629	7123-8828	7157-6327-70
	16	7222-1267	7123-7169	7157-6367-70
	20	7222-1103	7123-1403	7157-6407-70
CONNECTOR (HORIZONTAL TYPE)	4	7222-1247	7123-1247	7157-6287-70
	8	7222-1287	7123-1287	7157-6287-70
	10	7222-1307	7123-1307	7157-6307-70
	16	7222-1368	7123-7169	7157-6367-70
	20	7222-1403	7123-1403	7157-6407-70
	28	7222-1284	7123-8828(12P)	7157-6327-70
			7123-7169(16P)	7157-6367-70
	36	7222-7568	7123-7169(16P)	7157-6367-70
7123-1403(20P)			7157-6407-70	

TERMINAL

UNIT: mm



■ SPECIFICATIONS

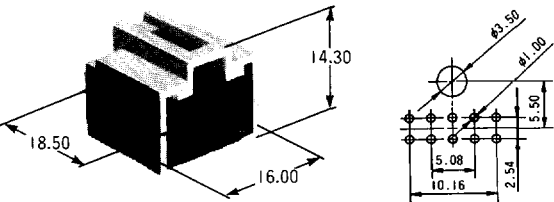
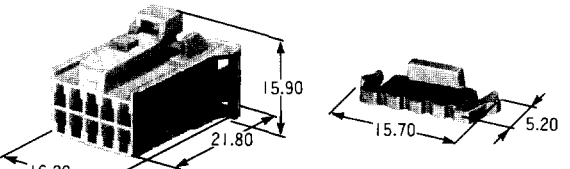
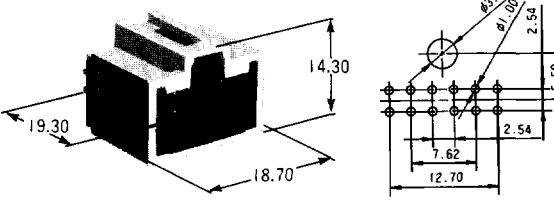
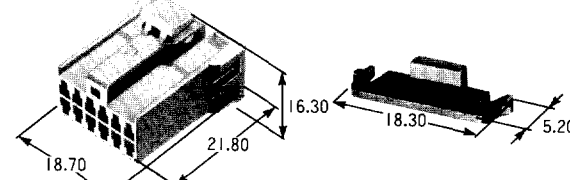
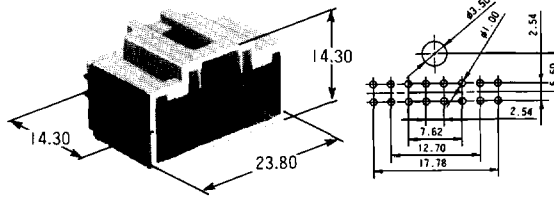
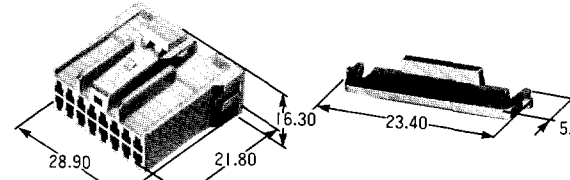
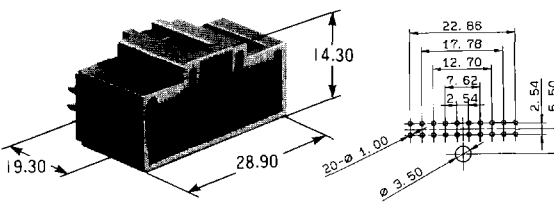
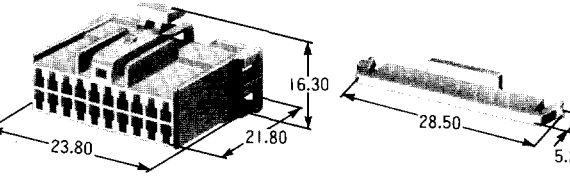
PART NAME	PART NUMBER	MATERIAL	TREATMENT	MATERIAL THICKNESS
MALE TERMINAL	—	BRASS	TIN PLATING	—
FEMALE TERMINAL	7116-1261	BODY: BRASS SPRING: COPPER ALLOY	TIN PLATING	t=0.2

● APPLICABLE WIRE CHART

PART NAME	WIRE SIZE (mm ²)	WIRE TYPE	PART NUMBER
FEMALE TERMINAL	0.3	AVS	7116-1261
		CAVS	7116-1261
	0.5	AVS	7116-1261
		CAVS	7116-1261

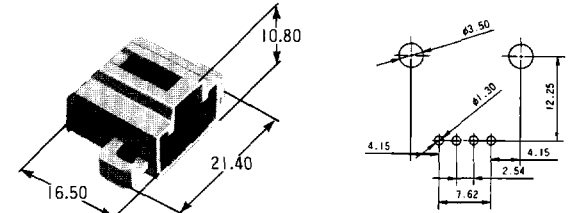
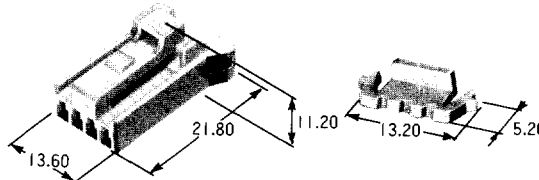
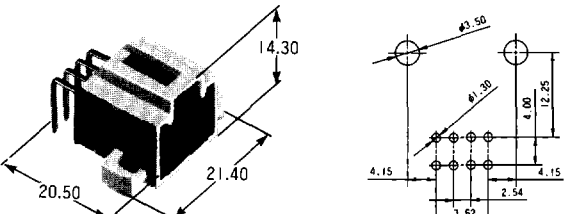
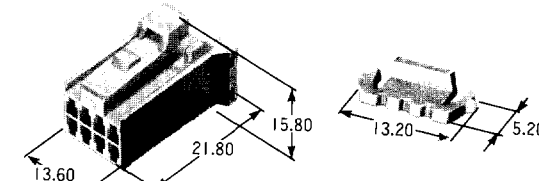
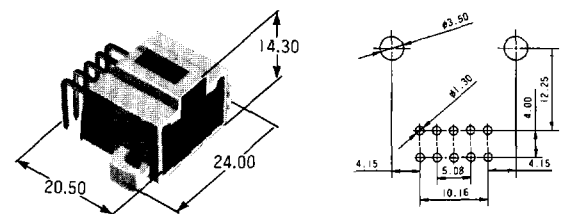
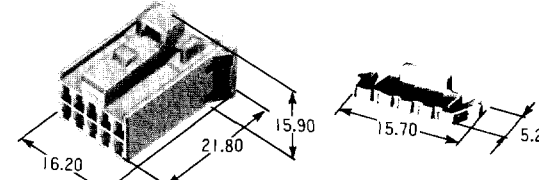
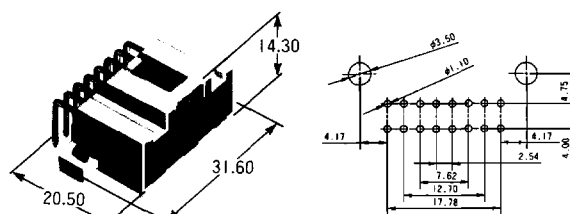
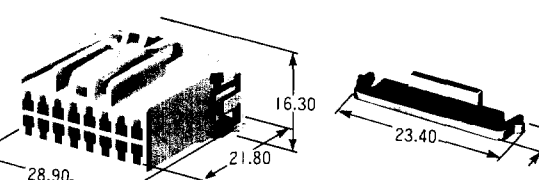
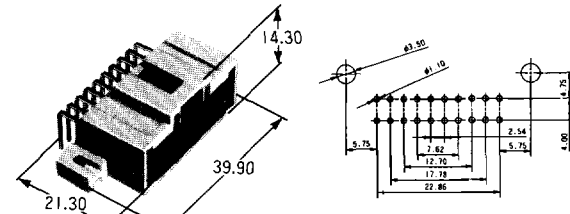
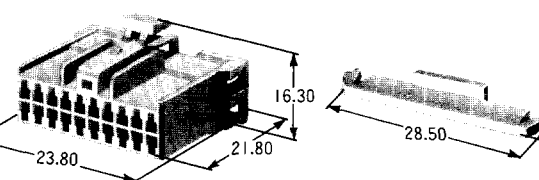
PCB CONNECTOR (VERTICAL TYPE) MATERIAL:PBT

UNIT:mm

POLES	MALE HOUSING	FEMALE HOUSING
10	 <p style="text-align: center;">7222-1309</p>	 <p style="text-align: center;">7123-1307 (7157-6307-70 × 2)</p>
12	 <p style="text-align: center;">7222-8629</p>	 <p style="text-align: center;">7123-8828 (7157-6327-70 × 2)</p>
16	 <p style="text-align: center;">7222-1267</p>	 <p style="text-align: center;">7123-7169 (7157-6367-70 × 2)</p>
20	 <p style="text-align: center;">7222-1103</p>	 <p style="text-align: center;">7123-1403 (7157-6407-70 × 2)</p>

SPACER PART NUMBER IN PARENTHESIS.

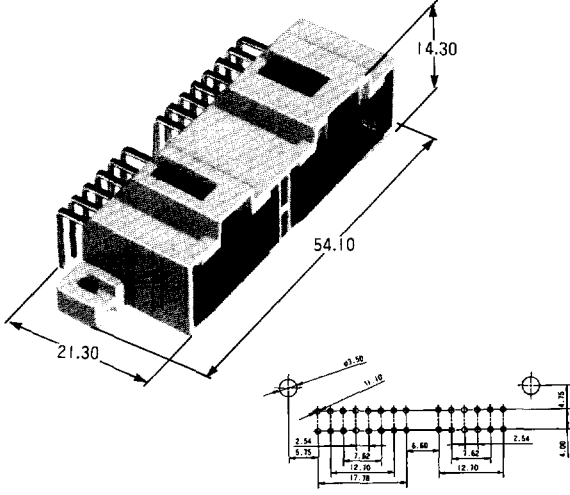
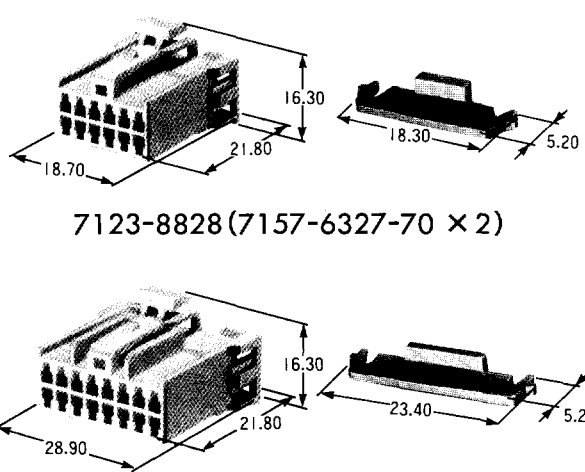
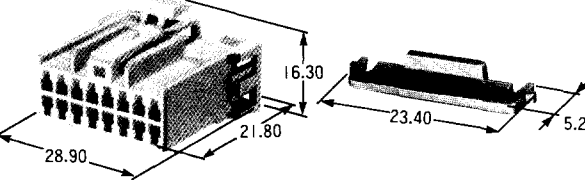
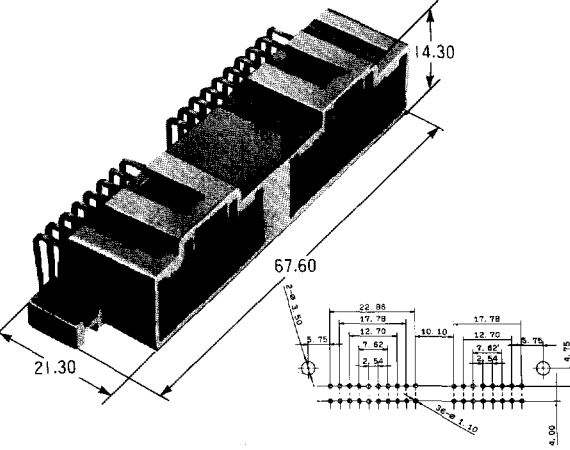
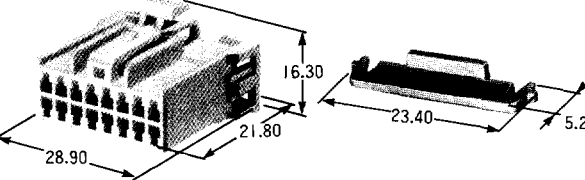
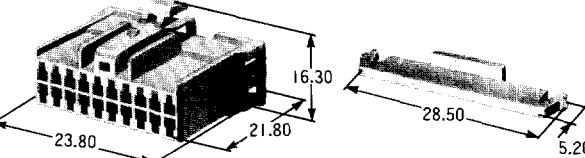
PCB CONNECTOR (HORIZONTAL TYPE) MATERIAL:PBT

POLES	MALE HOUSING	FEMALE HOUSING
4	 <p>7222-1247</p>	 <p>7123-1247 (7157-6287-70)</p>
8	 <p>7222-1287</p>	 <p>7123-1287 (7157-6287-70 × 2)</p>
10	 <p>7222-1307</p>	 <p>7123-1307 (7157-6307-70 × 2)</p>
16	 <p>7222-1368</p>	 <p>7123-7169 (7157-6367-70 × 2)</p>
20	 <p>7222-1403</p>	 <p>7123-1403 (7157-6407-70 × 2)</p>

SPACER PART NUMBER IN PARENTHESIS.

PCB CONNECTOR (HORIZONTAL TYPE) MATERIAL:PBT

UNIT:mm

POLES	MALE HOUSING	FEMALE HOUSING
28	 <p>7222-1284</p>	 <p>7123-8828 (7157-6327-70 × 2)</p>  <p>7123-7169 (7157-6367-70 × 2)</p>
36	 <p>7222-7568</p>	 <p>7123-7169 (7157-6367 × 2)</p>  <p>7123-1403 (7157-6407-70 × 2)</p>

SPACER PART NUMBER IN PARENTHESIS.