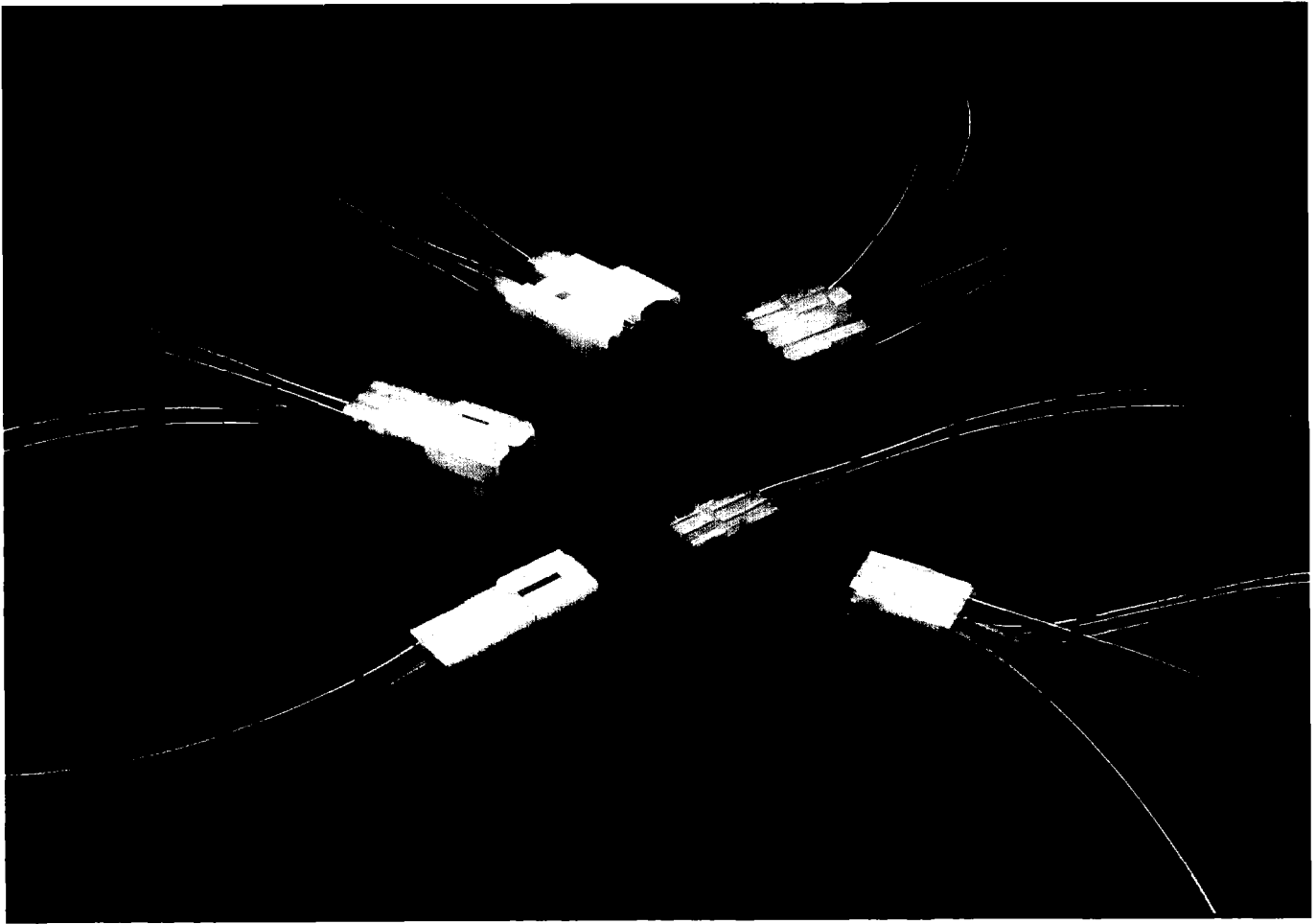


090 CONNECTOR



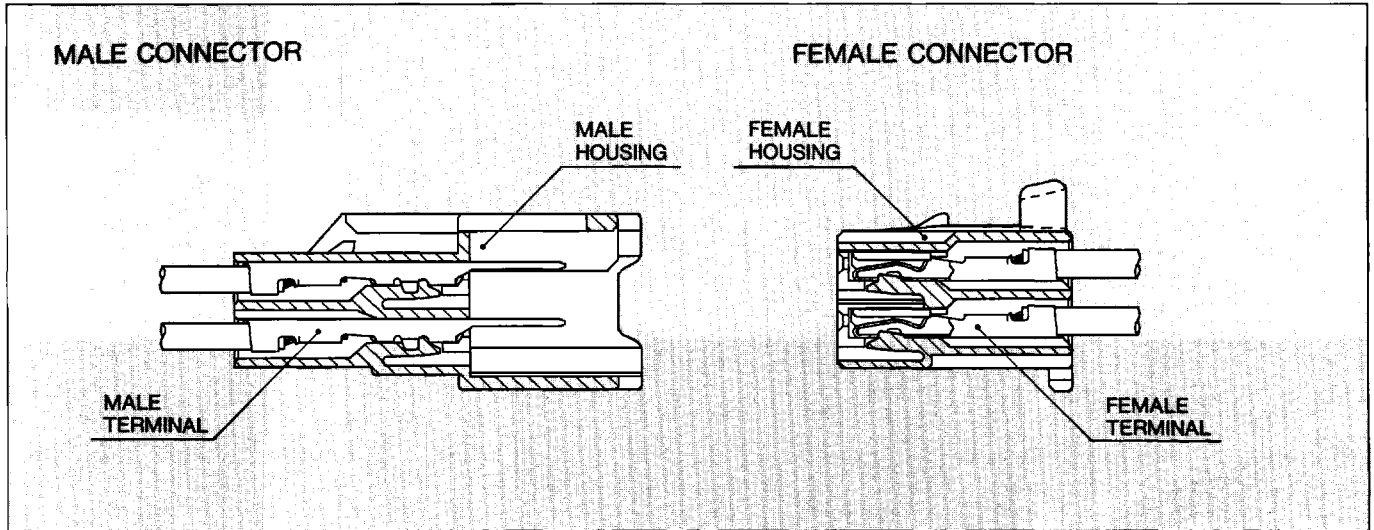
090 CONNECTOR

THE BLADE WIDTH OF THE MALE TERMINAL FOR THIS CONNECTOR IS 0.090 INCHES.

(DISTINCTIVE FEATURES)

1. STABLE CONTACT FORCE FOR HIGH RELIABILITY.

CONSTRUCTION



SPECIFICATIONS

MATERIAL	HOUSING	NYLON66
	MALE TERMINAL	BRASS (TIN PLATING)
	FEMALE TERMINAL	BRASS (TIN PLATING)
*CURRENT CAPACITY (REFERENCE)		10A
RESISTANCE AT LOW VOLTAGE		3mΩ 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

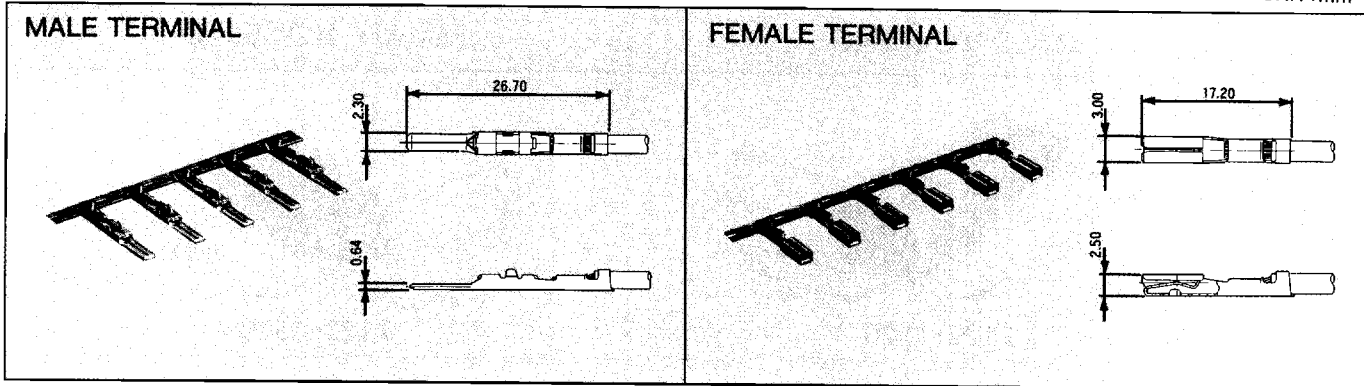
PART NAME	MALE TERMINAL	FEMALE TERMINAL
TERMINAL	7114-1170	7116-1180
	7114-1171	7116-1181

PART NAME	POLES	MALE CONNECTOR	FEMALE CONNECTOR
HOUSING	2	7122-1520	7123-1520
	3	7122-1430	7123-1430
	6	7122-1360	7123-1360
	6	7122-1460	7123-1460
	8	7122-1480	7123-1480
	10	7122-1300	7123-1300
	12	7122-1210	7123-1210
	13	7122-1330	7123-1330
	18	7122-1280	7123-1280

WHILE NATURAL COLOR IS THE STANDARD, OTHER COLORS ARE ALSO AVAILABLE AT YOUR REQUEST.

TERMINAL

UNIT:mm



■ SPECIFICATIONS

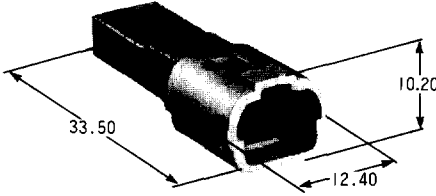
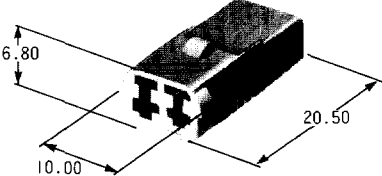
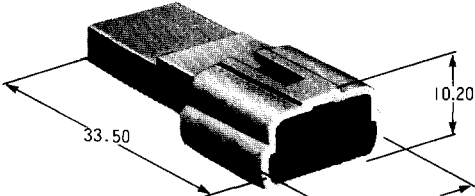
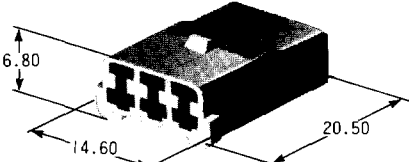
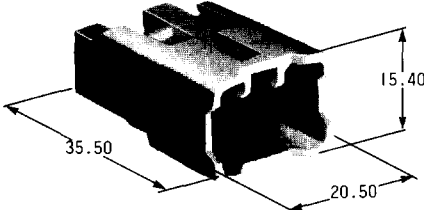
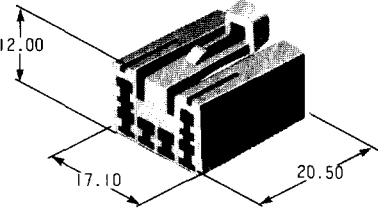
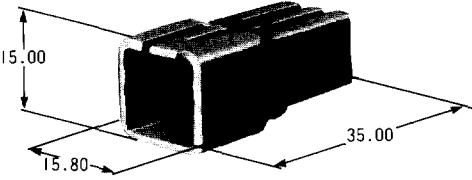
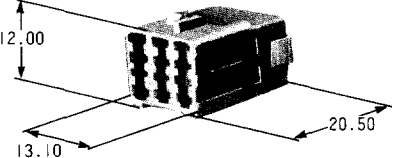
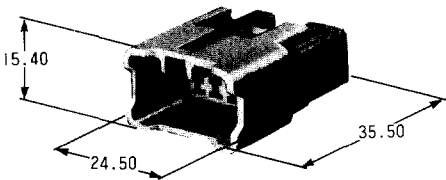
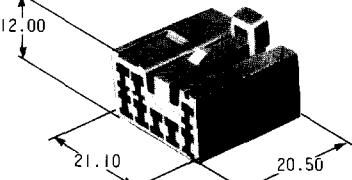
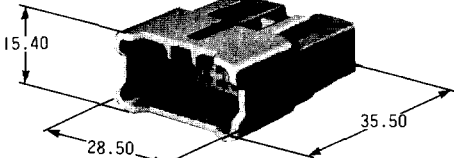
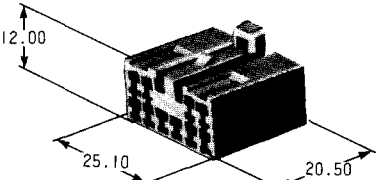
PART NAME	PART NUMBER	MATERIAL	TREATMENT	MATERIAL THICKNESS
MALE TERMINAL	7114-1170	BRASS	TIN PLATING	t=0.3
	7114-1171			
FEMALE TERMINAL	7116-1180	BRASS	TIN PLATING	t=0.25
	7116-1181			

● APPLICABLE WIRE CHART

PART NAME	WIRE SIZE (mm ²)	WIRE TYPE	PART NUMBER
MALE TERMINAL	0.3	AVS	7114-1170
		CAVS	7114-1170
	0.5	AVS	7114-1170
		CAVS	7114-1170
	0.85	AVS	7114-1171
		CAVS	7114-1171
1.25	AVS	7114-1171	
	CAVS	7114-1171	
FEMALE TERMINAL	0.3	AVS	7116-1180
		CAVS	7116-1180
	0.5	AVS	7116-1180
		CAVS	7116-1180
	0.85	AVS	7116-1181
		CAVS	7116-1181
	1.25	AVS	7116-1181
		CAVS	7116-1181

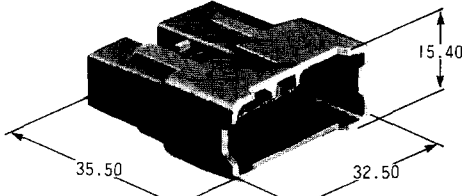
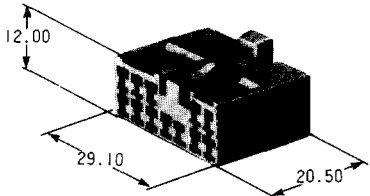
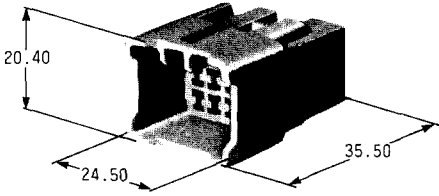
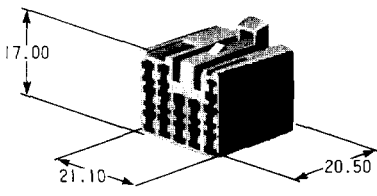
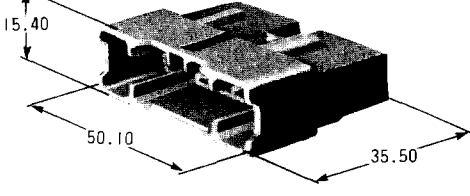
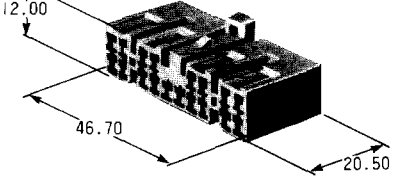
HOUSING MATERIAL: NYLON66

UNIT: mm

POLES	MALE HOUSING	FEMALE HOUSING
2	 <p>7122-1520</p>	 <p>7123-1520</p>
3	 <p>7122-1430</p>	 <p>7123-1430</p>
6	 <p>7122-1360</p>	 <p>7123-1360</p>
6	 <p>7122-1460</p>	 <p>7123-1460</p>
8	 <p>7122-1480</p>	 <p>7123-1480</p>
10	 <p>7122-1300</p>	 <p>7123-1300</p>

HOUSING MATERIAL: NYLON66

UNIT:mm

POLES	MALE HOUSING	FEMALE HOUSING
12	 <p>7122-1210</p>	 <p>7123-1210</p>
13	 <p>7122-1330</p>	 <p>7123-1330</p>
18	 <p>7122-1280</p>	 <p>7123-1280</p>