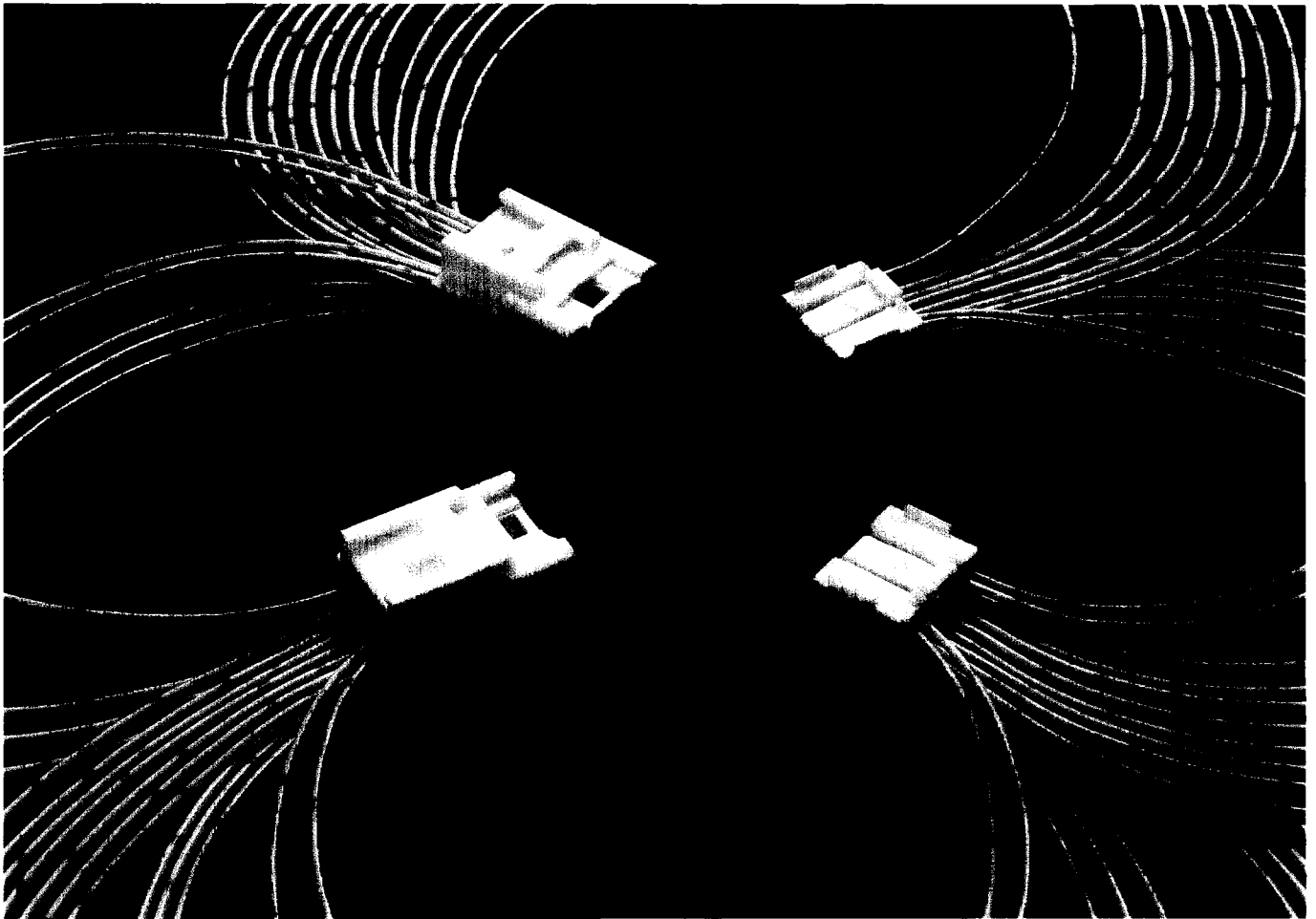


050 CONNECTOR



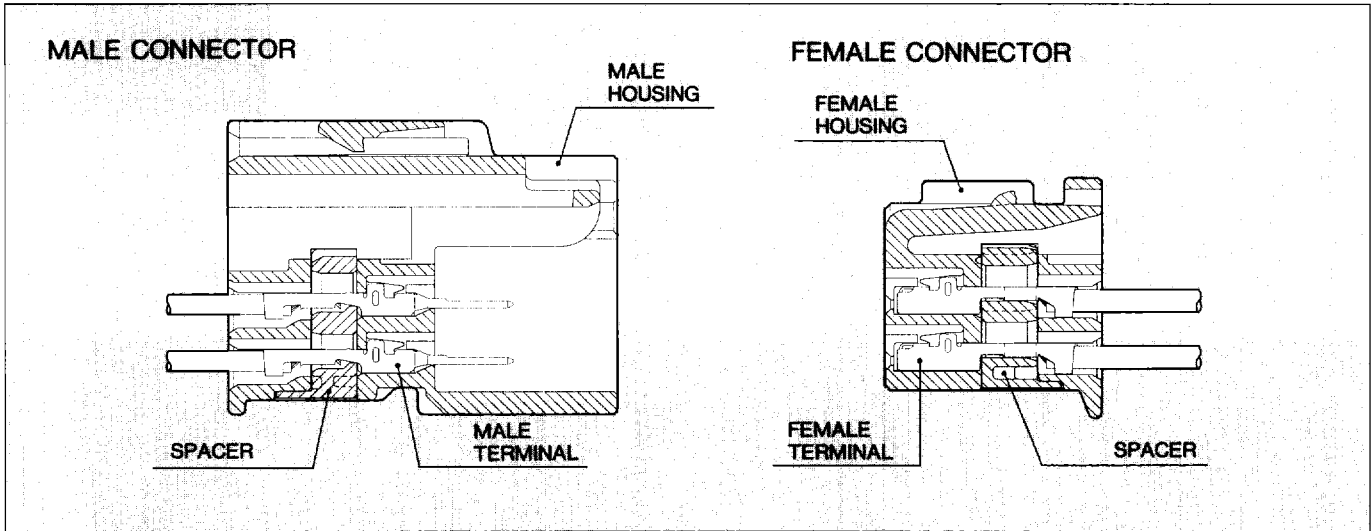
050 CONNECTOR

THE BLADE WIDTH OF THE MALE TERMINAL FOR THIS CONNECTOR IS 0.050 INCHES AND SMALL SIZE MULTI-POLE CONNECTORS.

(DISTINCTIVE FEATURES)

1. DOUBLE TERMINAL LOCKING SYSTEM ELIMINATES TERMINAL PUSH-OUT.
(HOUSING LANCE, SIDE LOCK).
2. CONNECTORS CANNOT BE MATED IF PRESET TERMINAL SPACER IS NOT IN THE FULL-LOCK POSITION.

CONSTRUCTION



THIS CONNECTOR HAS SIDE SPACER TYPE AND BACK RETAINER TYPE.(SIDE SPACER TYPE ON THE PICTURE)

SPECIFICATIONS

MATERIAL	HOUSING	PBT (CHANGING FROM PBT TO HPA)
	MALE TERMINAL	BRASS (TIN PLATING)
	FEMALE TERMINAL	PHOSPHOR BRONZE (TIN PLATING)
*CURRENT CAPACITY (REFERENCE)		3A
RESISTANCE AT LOW VOLTAGE		5mΩ 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.

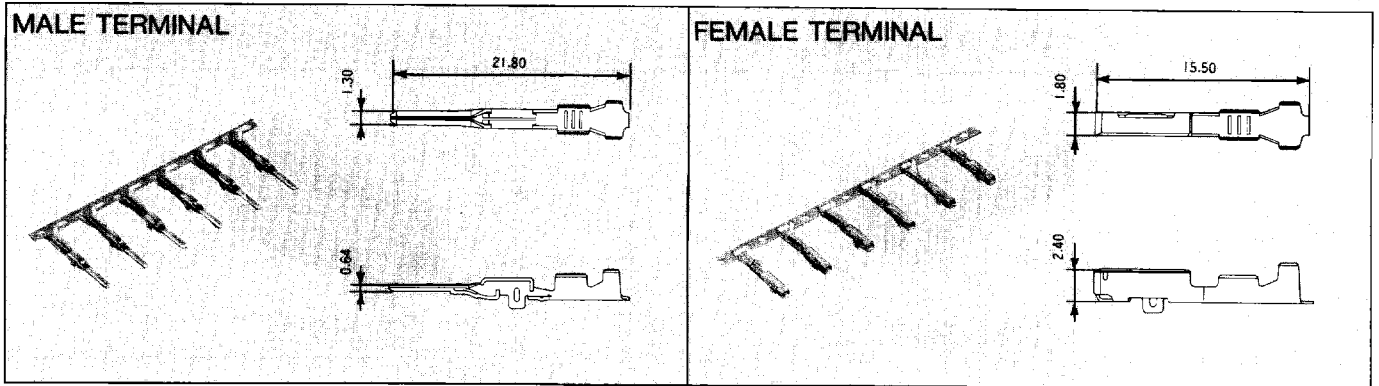
PART NUMBER CHART

PART NAME		MALE TERMINAL	FEMALE TERMINAL
TERMINAL		7114-1257-02	7116-1257-02
PART NAME	POLES	MALE CONNECTOR	FEMALE CONNECTOR
HOUSING	2	7282-7623	7283-7623
	14		7283-7644-50
	16	7282-1269	7283-1269
	19	7282-7692	7283-7692
	19	7282-1290	7283-1290
	21	7282-7615	7283-7615
	23	7282-7634	7283-7634
PCB CONNECTOR (HORIZONTAL TYPE)	14	7382-1745-50	7283-1745-50
	64	7382-1747-50	7283-1746-50(24P)
			7283-1700-50(40P)

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

TERMINAL

UNIT:mm



■ SPECIFICATIONS

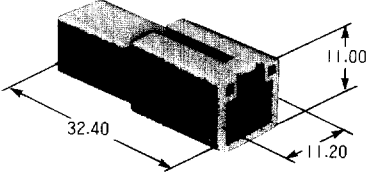
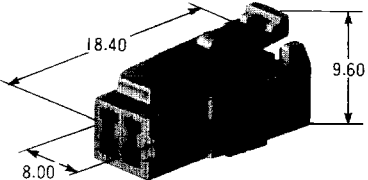

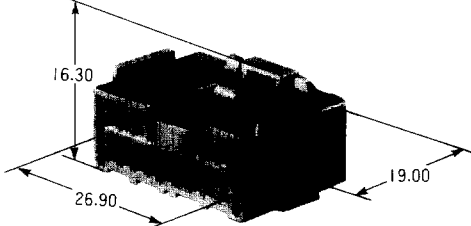
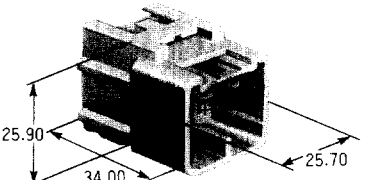
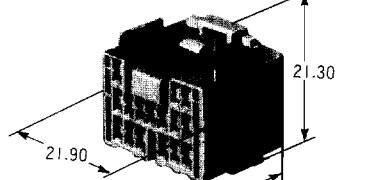
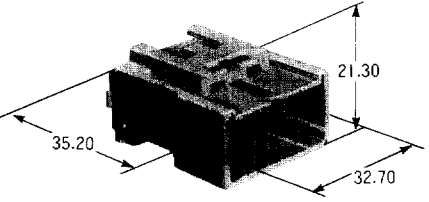
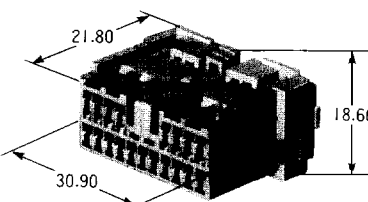
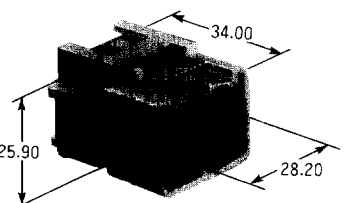
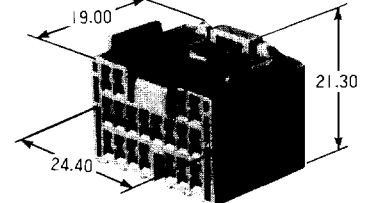
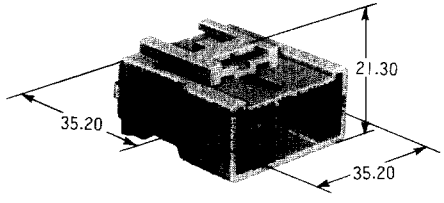
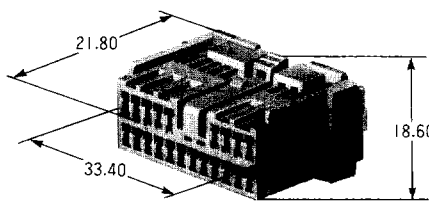
PART NAME	PART NUMBER	MATERIAL	TREATMENT	MATERIAL THICKNESS
MALE TERMINAL	7114-1257-02	BRASS	TIN PLATING	t=0.3
FEMALE TERMINAL	7116-1257-02	PHOPHOR BRONZE	TIN PLATING	t=0.2

● APPLICABLE WIRE CHART

PART NAME	WIRE SIZE (mm ²)	WIRE TYPE	PART NUMBER
MALE TERMINAL	0.3	AVS	7114-1257-02
		CAVS	
		CAVUS	
	0.5	AVS	
		CAVS	
		CAVUS	
FEMALE TERMINAL	0.3	AVS	7116-1257-02
		CAVS	
		CAVUS	
	0.5	AVS	
		CAVS	
		CAVUS	

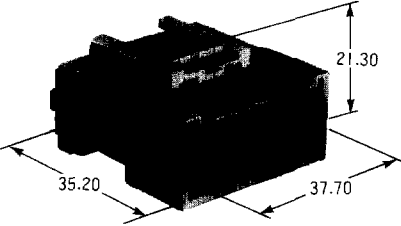
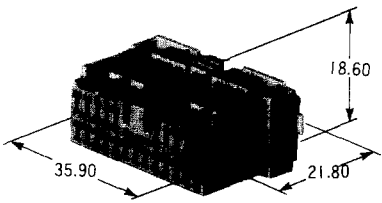
HOUSING MATERIAL: PBT (CHANGING FROM PBT TO HPA)

UNIT: mm

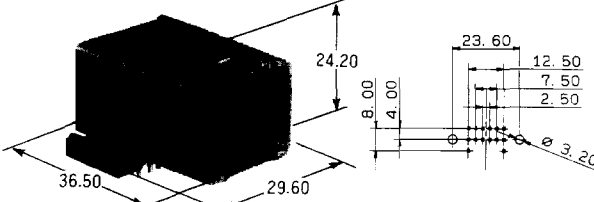
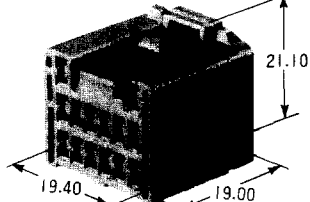
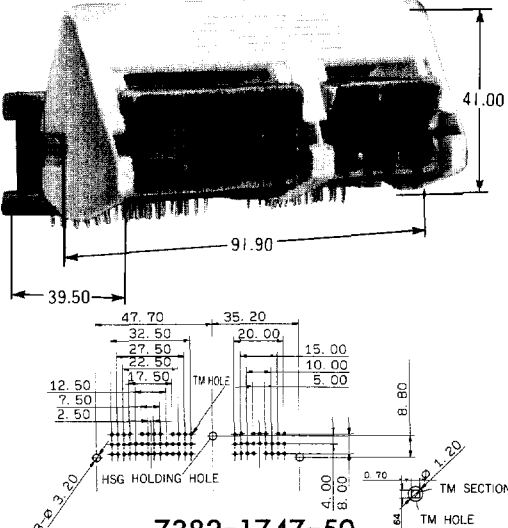
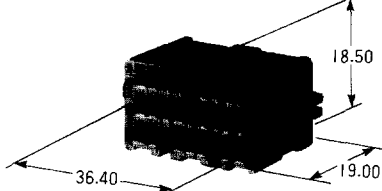
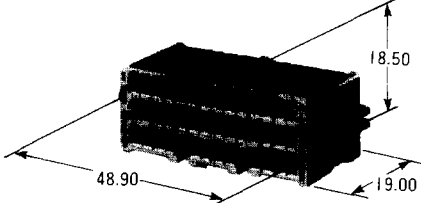
POLES	MALE HOUSING	FEMALE HOUSING
2	 <p>7282-7623</p>	 <p>7283-7623</p>
14		 <p>7283-7644-50</p>
16	 <p>7282-1269</p>	 <p>7283-1269</p>
19	 <p>7282-7692</p>	 <p>7283-7692</p>
19	 <p>7282-1290</p>	 <p>7283-1290</p>
21	 <p>7282-7615</p>	 <p>7283-7615</p>

HOUSING MATERIAL: PBT (CHANGING FROM PBT TO HPA)

UNIT:mm

POLES	MALE HOUSING	FEMALE HOUSING
23	 <p style="text-align: center;">7282-7634</p>	 <p style="text-align: center;">7283-7634</p>

PCB CONNECTOR HORIZONTAL TYPE MATERIAL: PBT

POLES	MALE HOUSING	FEMALE HOUSING
14	 <p style="text-align: center;">7382-1745-50</p>	 <p style="text-align: center;">7283-1745-50</p>
64	 <p style="text-align: center;">7382-1747-50</p>	 <p style="text-align: center;">7283-1746-50(24P)</p>
	 <p style="text-align: center;">7283-1700-50(40P)</p>	