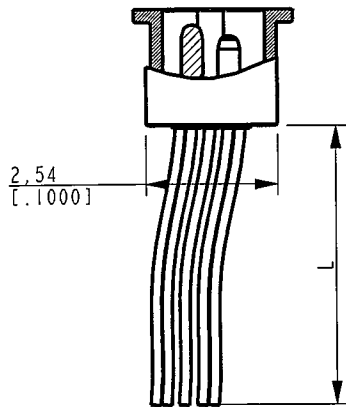
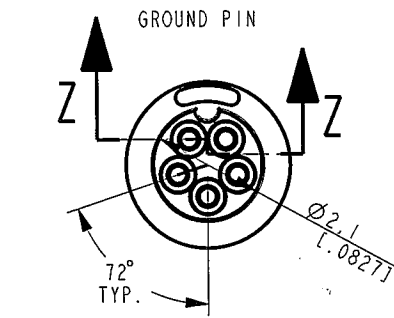


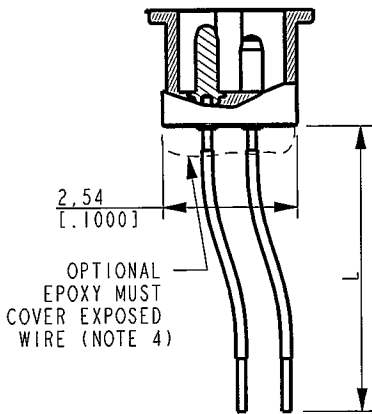
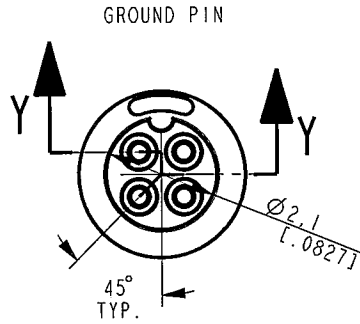
- NOTES:
- 1. ANY HOUSING MAY BE ASSEMBLED WITH RIGID PINS OR FLEXIBLE INSULATED OR UNINSULATED WIRES.
 - 2. SEE SHEET 2 FOR HOUSING OPTIONS.
 - 3. GROUND PIN IS 0.20mm LONGER THAN OTHER PINS.
 - 4. EPOXY IS OPTIONAL FOR ASSEMBLIES WITH FLEXIBLE WIRES.
 - 5. NO DAMAGE OR GOUGING ALLOWED ON PINS AFTER INSERTION INTO HOUSING. MAX. FLATNESS ON TOP OF PIN IS $\varnothing$ 0.21mm

5-PIN CONFIGURATION
(SHOWN WITH FLEXIBLE UNINSULATED LEADS)



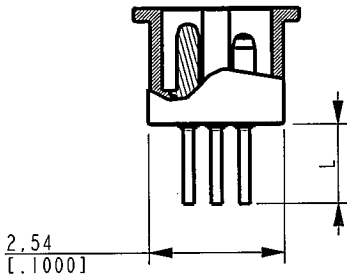
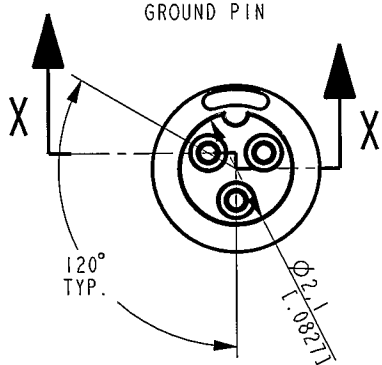
SECTION Z-Z

4-PIN CONFIGURATION
(SHOWN WITH FLEXIBLE INSULATED LEADS)



SECTION Y-Y

3-PIN CONFIGURATION
(SHOWN WITH RIGID LEADS)



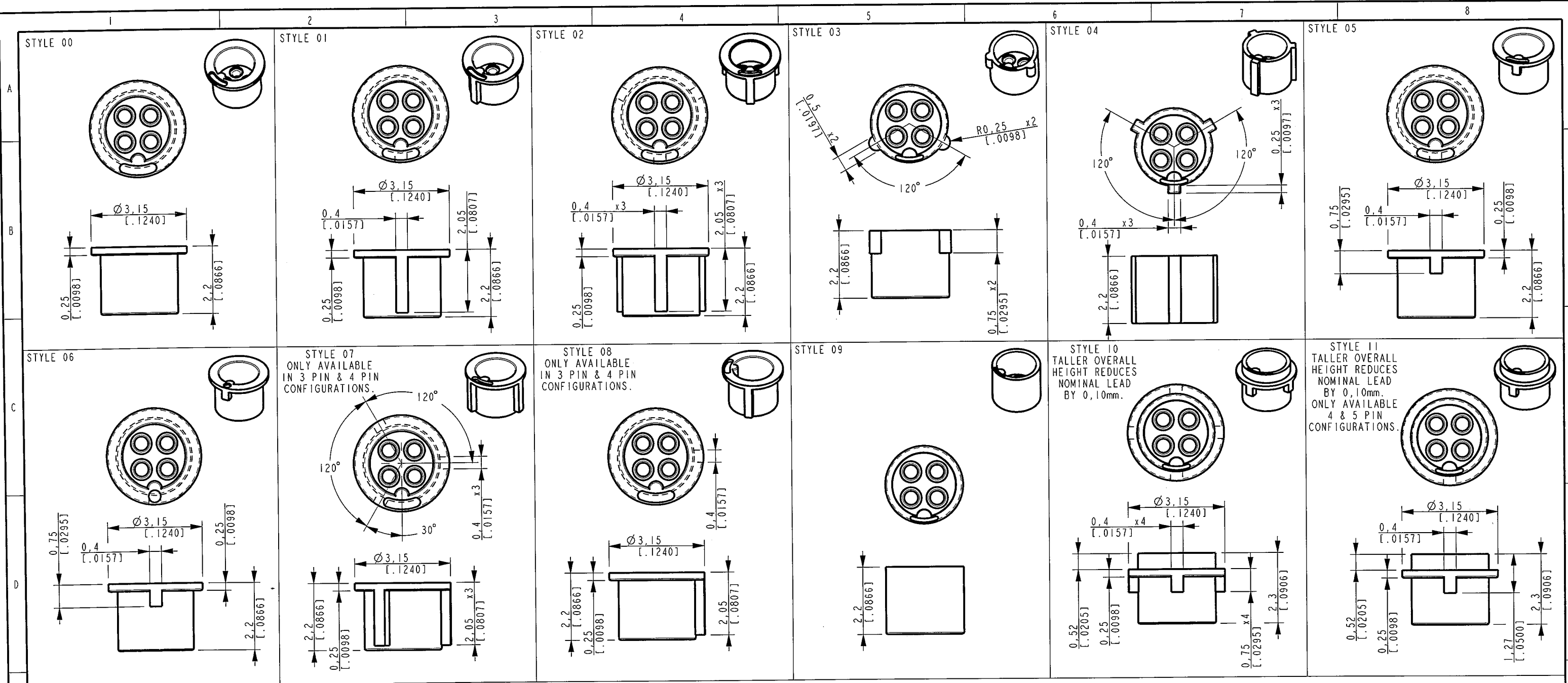
SECTION X-X

MECHANICAL DATA		
1.1	INSERTION FORCE (SOCKET/PLUG):	
1.1.1	SOCKET (3 TERMINALS)	>2.5 N (0.6 lb.)
1.1.2	SOCKET (4 TERMINALS)	>3.0 N (0.7 lb.)
1.1.3	SOCKET (5 TERMINALS)	>4.0 N (0.9 lb.)
1.2	EXTRACTION FORCE (SOCKET/PLUG):	
1.2.1	SOCKET (3 TERMINALS)	<5.5 N (1.2 lb.)
1.2.2	SOCKET (4 TERMINALS)	<8.0 N (1.8 lb.)
1.2.3	SOCKET (5 TERMINALS)	<8.0 N (1.8 lb.)
ELECTRICAL DATA		
2.1	CONTACT RESISTANCE	<150 m Ω
2.2	CONTACT RESISTANCE STABILITY (PULLING WITH 100g IN ALL DIRECTIONS)	<150 m Ω
2.3	INSULATION RESISTANCE	>1 M Ω
2.4	CURRENT (CONTINUOUS)	=500 mA MAX.
ENVIRONMENTAL DATA		
3.1	SOLDERING TEMPERATURE/TIME	400°C (750°F) FOR 1 SECOND
3.2	SOLDERING DISTANCE FROM HOUSING	0.5mm (0.02in.) NO MECHANICAL STRESS TO BE APPLIED TO COMPONENT DURING SOLDERING
3.3	BENDING OF TERMINALS:	
3.3.1	RIGID TERMINALS	>2 TIMES 45°
3.3.2	FLEXIBLE TERMINALS	>5 TIMES 90°
3.4	PULL STRENGTH OF PINS (INITIAL)	>7N
3.5	PULL STRENGTH OF FLEXIBLE LEADS	>2N
3.6	RECOMMENDED GLUE	CYANOACRYLATE (NON-BLOOMING).
3.7	RECOMMENDED CLEANING	AQUA WASH (ALPHA 2110) BENZINE AMMONIA, 10% SOLUTION WITH DEMINERALIZED WATER, ULTRASONIC CLEANING MUST BE AVOIDED.
MATERIAL DATA		
4.1	HOUSING	THERMOPLASTIC
4.2	CONTACT PIN	GOLD-PLATED
4.3	FLEXIBLE LEADS (UNINSULATED)	SOLID SILVER
4.4	FLEXIBLE LEADS (INSULATED)	SILVER-PLATED COPPER
4.5	ALL MATERIALS	COMPLIANCE WITH EU DIRECTIVE 2002/95/EC (RoHS)

LEAD TYPE	LENGTH L
RIGID	0.50, 0.80, 1.00, 1.50 mm
FLEXIBLE (INSULATED)	5, 10, 15, 20, 25, 30, 40 mm
FLEXIBLE (UNINSULATED)	5, 10, 15, 20 mm

RED CONTROLLED

				SCALE: 10:1	⊕	MATERIAL:
				FUNDAMENTAL TOLERANCE: $\pm$ 0.05 [0.0019]		HEAT TREATMENT:
				ANGLE TOLERANCE: $\pm$ 2°		FINISH:
				MISMATCH TOLERANCE: $\pm$ 0.05 [0.0019]		TITLE:
C	C10104073	03/28/06	BCS	DATE	NAME	CONNECTOR SOCKET SPECIFICATION
B	C10103278	10/18/05	BCS	DESIGNED 12/08/03	BCS	
A	C10101522	10/08/04	ALP	CHECKED 03/28/06	BCS	
REV.	CHANGE #	DATE	NAME	RELEASED 03/28/06	TJ	
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						RELEASED
						REVISION: C
						DRAWING NUMBER: 0009-400
						SHEETS: 1 of 2



RED CONTROLLED

				SCALE: 8:1		MATERIAL:	
				FUNDAMENTAL TOLERANCE: ± 0.05 [0.0019]		HEAT TREATMENT:	
				ANGLE TOLERANCE: ± 2°		FINISH:	
				MISMATCH TOLERANCE: ± 0.05 [0.0019]		TITLE:	
C	C10104073	03/28/06	BCS	DATE	NAME	CONNECTOR SOCKET SPECIFICATION	
B	C10103278	10/20/05	BCS	DESIGNED	4/14/97		
A	C10101522	10/08/04	ALP	CHECKED	03/28/06		
REV.	CHANGE #	DATE	NAME	RELEASED	03/28/06		
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						DRAWING NUMBER:	
						0009-400	
						REVISION:	
						C	
						SHEETS:	
						2 of 2	