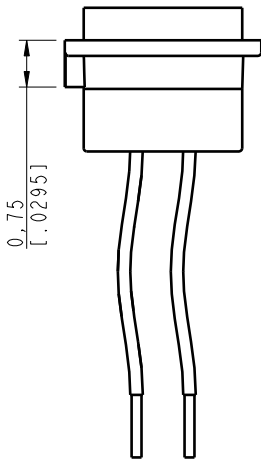
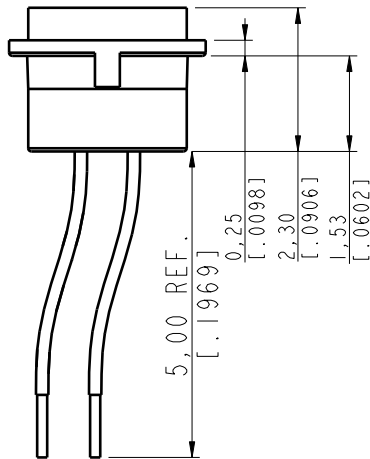
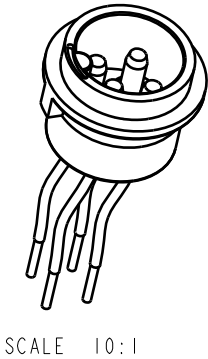
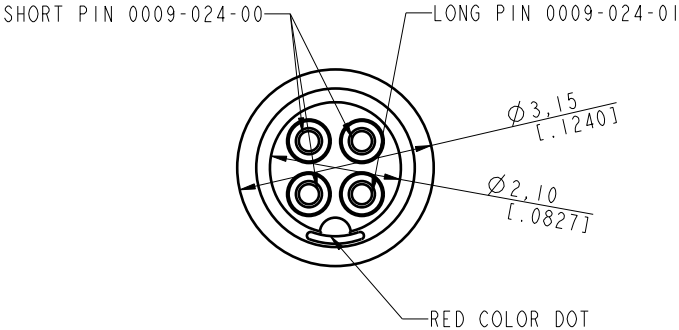


NOTES:

1. GROUND PIN IS 0,20 [0.0079] LONGER THAN OTHER PINS.
2. NO DAMAGE OR GOUGING ALLOWED ON PINS AFTER INSERTION INTO HOUSING.  
MAX. FLATNESS ON TOP OF PIN IS  $\varnothing$  0,21 [0.0083].





MECHANICAL DATA		
1.1	INSERTION FORCE (SOCKET/PLUG):	>3.0 N (0.7 lb.)
1.2	EXTRACTION FORCE (SOCKET/PLUG):	<8.0 N (1.8 lb.)
ELECTRICAL DATA		
2.1	CONTACT RESISTANCE	<150 m $\Omega$
2.2	CONTACT RESISTANCE STABILITY (PULLING WITH 100g IN ALL DIRECTIONS)	<150 m $\Omega$
2.3	CURRENT (CONTINUOUS)	=500 mA MAX.
ENVIRONMENTAL DATA		
3.1	SOLDERING TEMPERATURE/TIME	350 $\pm$ 10°C (662 $\pm$ 50°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 FLEXILE TERMINALS:	>5 TIMES 90°
3.4	PULL STRENGTH OF PINS (INITIAL)	>7N
3.5	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	ALL MATERIALS	COMPLIANCE WITH EU DIRECTIVE 2002/95/EC (RoHS)

REFERENCE NUMBER : 0009-4-11-1-050-32-07

RED CONTROLLED

DIMENSIONS IN MILLIMETERS [INCHES]

						SCALE: 12:1		MATERIAL:		
						FUNDAMENTAL TOLERANCE: ± 0.05 [0.002]		HEAT TREATMENT:		
						ANGLE TOLERANCE: ± 1°		FINISH:		
						MISMATCH TOLERANCE: ± 0.05 [0.002]		TITLE: CONNECTOR SOCKET SPECIFICATION		
						DESIGNED 8-20-13 OO				
						CHECKED 8-27-13 GJP				
						RELEASED 8-27-13 GJP				
A	C40101295	8-20-13	OO							
REV.	CHANGE #	DATE	NAME							
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 <b>KNOWLES</b>						DRAWING NUMBER: 0009-254123				SHEETS: 1 of 1