
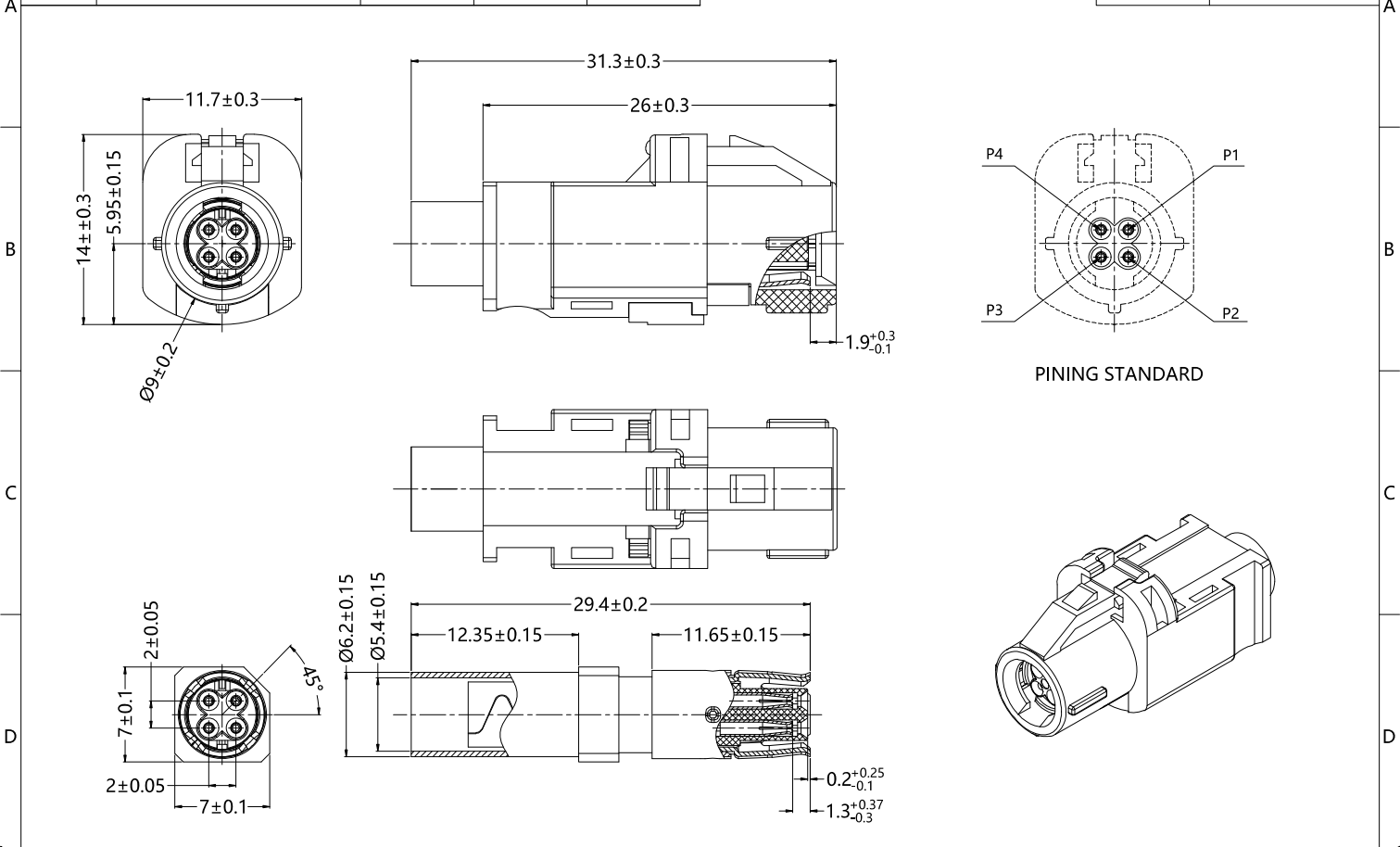


REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	Ming	2023-09-27	

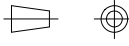




MATERIALS AND PLATING			ELECTRICAL CHARACTERISTICS	
PART NAME	MATERIALS	PLATING	UNIT: MICRO-INCHES	
BODY	PHOSPHOR COPPER	PL. NICKEL/COPPER	IMPEDANCE	100 Ω
INSULATOR	NYLON	N/A	VOLTAGE RATING	250 V(rms)
CONTACT PIN	BERYLLIUM COPPER	PL.GOLD /COPPER	FREQUENCY RANGE	DC ~ 2 GHz
HOUSING	PBT	N/A	DIELECTRIC WITHSTANDING VOLTAGE	> 500 V
CRIMPING FERRUL	PHOSPHOR COPPER	PL. NICKEL/COPPER	CONTACT RESISTANCE	CENTER CONTACT < 10 mΩ
CONTACT MQS	PHOSPHOR COPPER	PL. NICKEL/COPPER		OUTER CONTACT < 7.5 mΩ
SECONDARY LOCK	PBT	N/A	INSULATION RESISTANCE	> 1000 MΩ
			INSERTION LOSS	< 0.15 * √ f GHz

MECHANICAL CHARACTERISTICS	
MATING FORCE	≤ 25 N
DISENGAGEMENT FORCE	> 5N, < 25N
CONNECTOR DISENGAGE WITH LOCK	≥ 110N
CODING EFFICIENCY	> 80 N
DURABILITY	≥ 25cycles















ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +105 °C

**\* CUSTOMER OUTLINE DRAWING**

UNLESS OTHERWISE SPECIFIED: 1) EDGES : C0.15 MAX ; 2) REMOVE ALL BURRS ; 3) SURFACE ROUGHNESS : Ra1.6 ; 4) UNITS : mm ; 5) DIMENSIONS TOLERANCES DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1; ANGLES : ± 5°.	THIRD ANGLE PROJECTION			
	APPROVED :			CUSTOMER P/N :
	CHECKED :	SCALE :		1 : 1
	DRAWING :	DATE :		2023-09-27
		PAGE :		1/2
			TITLE : HSD FEMALE S/T 4Pin CONNECTOR DRAWING NO. : 10HSF1*S-A734-101 COMPANY WEBSITE : www.slkcorp.com	

REV.	DESCRIPTION	ECN NO.	NAME	DATE	 ALL PARTS MUST MEET TO RoHS REQUIREMENTS
0	FIRST EDITION	N/A	Ming	2023-09-27	

P/N LIST

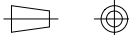

SLK P/N	PLUG	CODING	COLOR	RAL	SLK P/N	PLUG	CODING	COLOR	RAL
10HSF1AS-A734-101		A	BLACK	9005	10HSF1GS-A734-101		G	GREY	7031
10HSF1BS-A734-101		B	WHITE	9001	10HSF1HS-A734-101		H	VIOLET	4003
10HSF1CS-A734-101		C	BLUE	5005	10HSF1JS-A734-101		J	BEIGE	1001
10HSF1DS-A734-101		D	CLARET	4004	10HSF1KS-A734-101		K	CURRY	1027
10HSF1ES-A734-101		E	GREEN	6002	10HSF1LS-A734-101		L	YELLOW GREEN	6018
10HSF1FS-A734-101		F	BROWN	8011	10HSF1MS-A734-101		M	PASTEL ORANGE	2003
10HSF1ZS-A734-101		Z	WATER BLUE	5021	10HSF1OS-A734-101		O	LIGHT GREEN	6027

MATERIALS AND PLATING UNIT: MICRO-INCHES			ELECTRICAL CHARACTERISTICS		
PART NAME	MATERIALS	PLATING	IMPEDANCE		100 Ω
BODY	PHOSPHOR COPPER	PL. NICKEL/COPPER	VOLTAGE RATING		250 V(rms)
INSULATOR	NYLON	N/A	FREQUENCY RANGE		DC ~ 2 GHz
CONTACT PIN	BERYLLIUM COPPER	PL.GOLD /COPPER	DIELECTRIC WITHSTANDING VOLTAGE		> 500 V
HOUSING	PBT	N/A	CONTACT RESISTANCE	CENTER CONTACT	<10 mΩ
CRIMPING FERRUL	PHOSPHOR COPPER	PL. NICKEL/COPPER		OUTER CONTACT	<7.5 mΩ
CONTACT MQS	PHOSPHOR COPPER	PL. NICKEL/COPPER	INSULATION RESISTANCE		>1000 MΩ
SECONDARY LOCK	PBT	N/A	INSERTION LOSS		<0.15 * √ f GHz

MECHANICAL CHARACTERISTICS	
MATING FORCE	≤ 25 N
DISENGAGEMENT FORCE	>5N, <25N
CONNECTOR DISENGAGE WITH LOCK	≥110N
CODING EFFICIENCY	> 80 N
DURABILITY	≥25cycles

ENVIRONMENTAL PARAMETER	
TEMPERATURE RANGE	-40 °C ~ +105 °C

\* CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED: 1) EDGES : C0.15 MAX ; 2) REMOVE ALL BURRS ; 3) SURFACE ROUGHNESS : Ra1.6 ; 4) UNITS : mm ; 5) DIMENSIONS TOLERANCES DECIMALS : .x ±0.3 .xx ±0.2 .xxx±0.1; ANGLES : ± 5°.	THIRD ANGLE PROJECTION 			
	APPROVED :	CUSTOMER P/N :		TITLE : HSD FEMALE S/T 4Pin CONNECTOR
	CHECKED :	SCALE :	DRAWING NO. :	10HSF1*S-A734-101
	DRAWING :	DATE : 2023-09-27	COMPANY WEBSITE : www.slkcorp.com	
PAGE : 2/2				