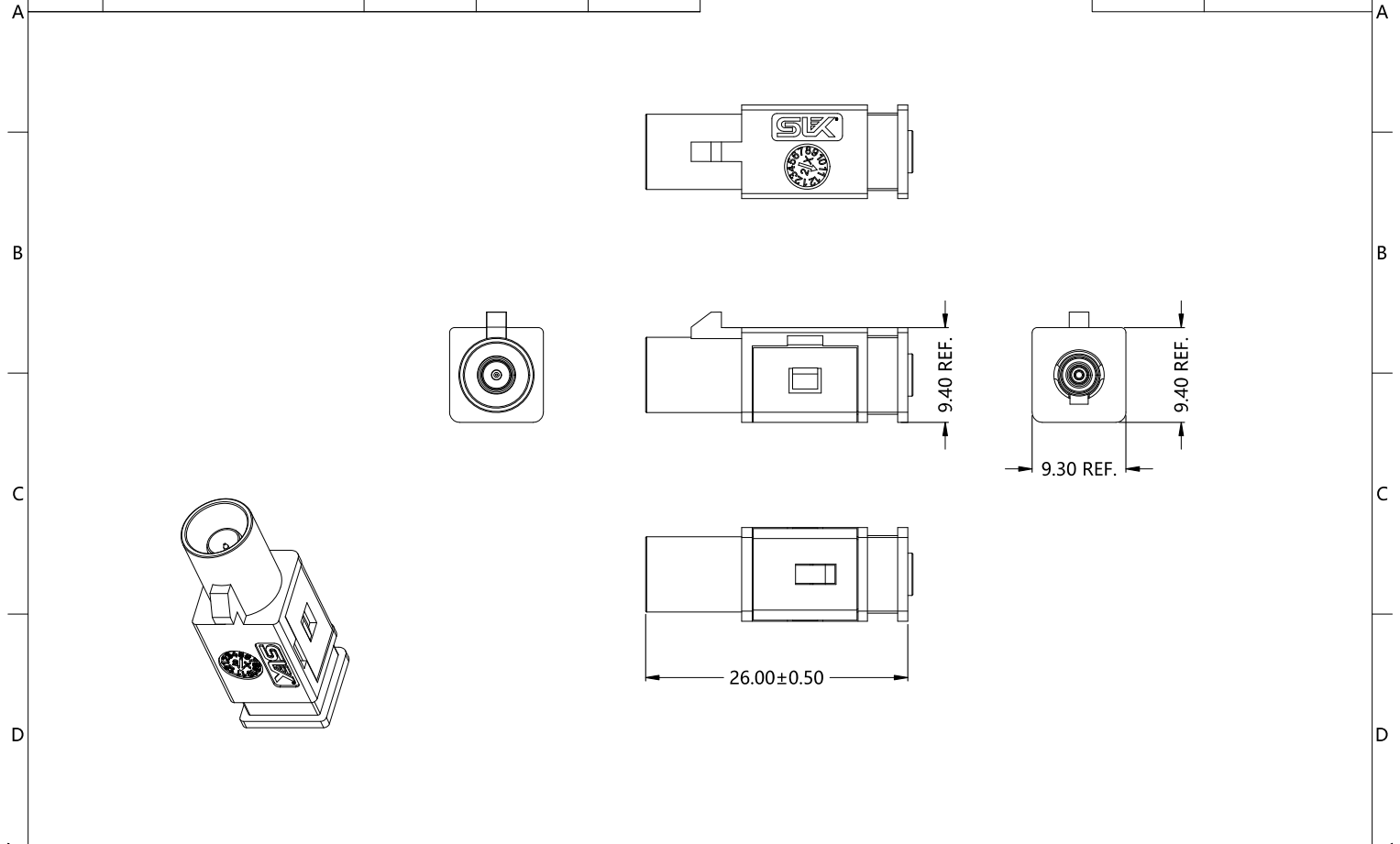


REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Flame	2023-10-24



ALL PARTS MUST MEET TO RoHS REQUIREMENTS



MATERIALS AND PLATING		UNIT: MICRO-INCHES	
PART TYPE	PART NAME	MATERIALS	PLATING
FAKRA S/T MALE	HOUSING	NYLON PA66	N/A
	COVER	NYLON PA66	N/A
	BODY	BRASS	PL.ZINC/COPPER
	CONTACT PIN	PHOSPHOR BRONZE	PL.GOLD/NICKEL/COPPER
	INSULATOR	NYLON PA66	N/A
	FERRULE	BRASS	PL.NICKEL/COPPER

ELECTRICAL CHARACTERISTICS	
IMPEDANCE	50 Ω
VOLTAGE RATING	250 V(rms)
FREQUENCY RANGE	DC ~ 6GHz
DIELECTRIC WITHSTANDING VOLTAGE	> 800 V
CONTACT RESISTANCE	CENTER CONTACT
	OUTER CONTACT
INSULATION RESISTANCE	> 1000 MΩ
INSERTION LOSS	< 0.1*√f dB
VSWR	< 1.3 @DC~2GHz < 1.5 @2~3GHz < 1.6 @3~6GHz

MECHANICAL CHARACTERISTICS	
MATING FORCE	≤ 25N
DISENGAGEMENT FORCE	≥ 3N
CONNECTOR DISENGAGE WITH LOCK	≥ 120N
UNMATING FORCE WITH LOCK DISENGAGED	≤ 70 N
Durability	> 100cycles

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

### CUSTOMER OUTLINE DRAWING

UNLESS OTHERWISE SPECIFIED:  
 1) EDGES : N/A ;  
 2) REMOVE ALL BURRS : N/A ;  
 3) SURFACE ROUGHNESS : N/A ;  
 4) UNITS : mm ;  
 5) DIMENSIONS TOLERANCES  
 DECIMALS : .x ±5, .xx ±2, .xxx ±1;  
 ANGLES : ±10°.

THIRD ANGLE PROJECTION	
APPROVED :	CUSTOMER P/N :
CHECKED :	SCALE :
DRAWING :	DATE :
PAGE : 1/2	

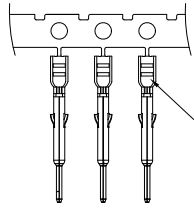


TITLE : FAKRA MALE S/T FOR RG174 CABLE  
 DRAWING NO. : 5FKM1\*S-A02-101  
 COMPANY WEBSITE : www.slkcorp.com

REV.	DESCRIPTION	ECN NO.	NAME	DATE
0	FIRST EDITION	N/A	Flame	2023-10-24

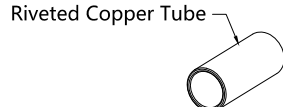


ALL PARTS MUST MEET TO RoHS REQUIREMENTS

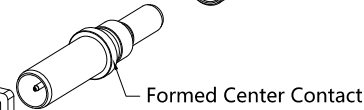


CRIMPED FERRULE SIZE .133" HEX.

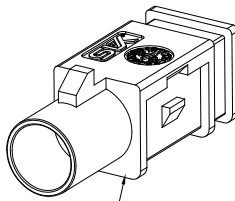
Terminal



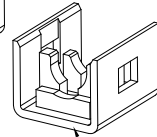
Riveted Copper Tube



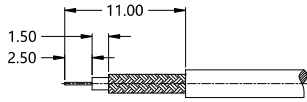
Formed Center Contact



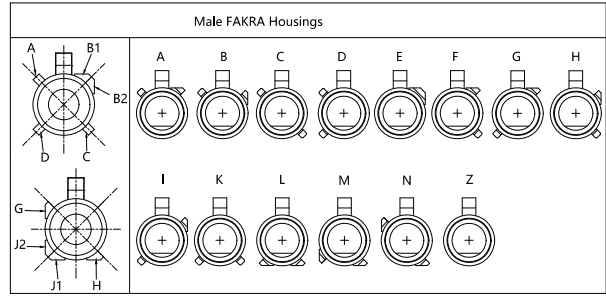
Plastic Housing



Inner stopper



RECOMMENDED CABLE STRIPPING DIM'S



ENCODING LIST

KEY POSITION COMBINATION AND COLOR NUMBER					
CONNECTOR P/N	CODE	HOUSING P/N	KEYWAY FIT	COLOUR	COLOR NUMBER
5FKM1AS-A02-101	A	BDFK036A-A/NL	A-B1	Deep Black	RAL 9005
5FKM1BS-A02-101	B	BDFK036A-B/NL	A-B2	Signal White	RAL 9001
5FKM1CS-A02-101	C	BDFK036A-C/NL	A-C	Signal Blue	RAL 5005
5FKM1DS-A02-101	D	BDFK036A-D/NL	A-D	Bordeaux Violet	RAL 4004
5FKM1ES-A02-101	E	BDFK036A-E/NL	B1-B2	Leaf Green	RAL 6002
5FKM1FS-A02-101	F	BDFK036A-F/NL	B1-C	Brown	RAL 8011
5FKM1GS-A02-101	G	BDFK036A-G/NL	B1-D	Blue Grey	RAL 7031
5FKM1HS-A02-101	H	BDFK036A-H/NL	B2-C	Heather Violet	RAL 4003
5FKM1IS-A02-101	I	BDFK036A-I/NL	B2-D	Beige	RAL 1001
5FKM1KS-A02-101	K	BDFK036A-K/NL	C-D	Curry Yellow	RAL 1027
5FKM1LS-A02-101	L	BDFK036A-L/NL	J1-H	Carmine-red	RAL 3002
5FKM1MS-A02-101	M	BDFK036A-M/NL	J2-H	Pastel orange	RAL 2003
5FKM1NS-A02-101	N	BDFK036A-N/NL	G-H	Pastel green	RAL 6019
5FKM1ZS-A02-101	Z	BDFK036A-Z/NL	N/A	Water Blue	RAL 5021

MATERIALS AND PLATING		UNIT: MICRO-INCHES	
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 2) REMOVE ALL BURRS : N/A ;  
 3) SURFACE ROUGHNESS : N/A ;  
 4) UNITS : mm ;  
 5) DIMENSIONS TOLERANCES  
 DECIMALS : .x ±5, .xx ±2, .xxx ±1;  
 ANGLES : ±10°.

THIRD ANGLE PROJECTION	
APPROVED :	CUSTOMER P/N :
CHECKED :	SCALE : 3 : 2
DRAWING :	DATE : 2023-10-24
PAGE : 2/2	

TITLE : FAKRA MALE S/T FOR RG174 CABLE  
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