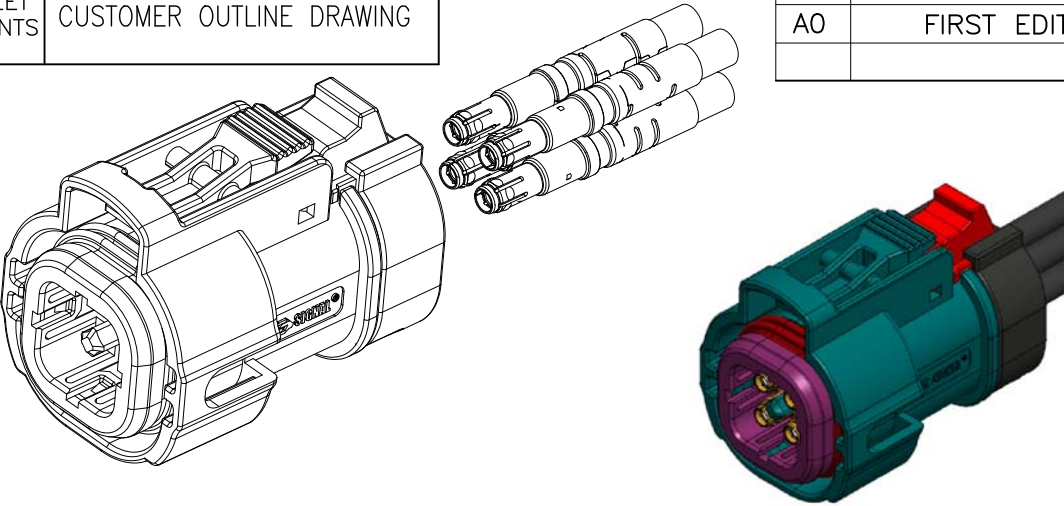
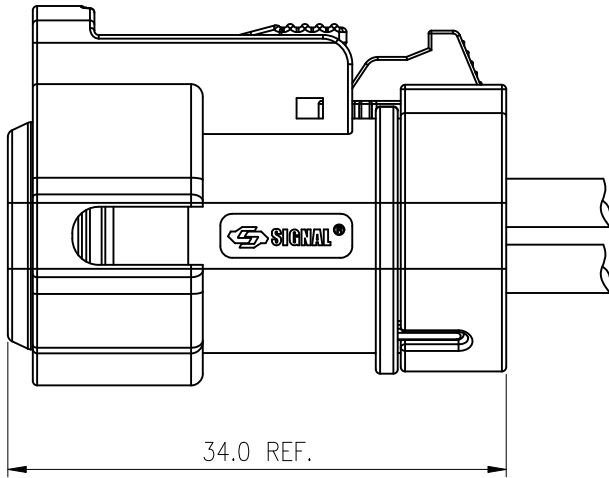
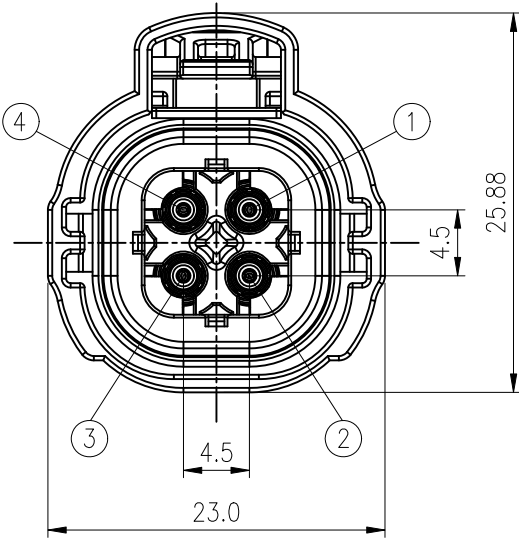




ORDER NO.	CABLE TYPE
805030-00-020	RG174
805030-00-021	RTK031



- NOTES:
- Material and plating: SEE TABLE
 - Electrical data:
 - Impedance: 50 Ω
 - Frequency: DC to 9 GHz
 - Return loss: ≥20 dB (DC to 3 GHz)
≥14 dB (3 to 6 GHz)
≥11 dB (6 to 9 GHz)
 - Insertion loss: ≤ 0.1 x f(GHz) dB
 - Insulation resistance: 1000 MΩ MIN.
 - Center contact resistance: 15 mΩ MAX
 - Outer contact resistance: 5 mΩ MAX
 - Test voltage: 750 V rms
 - Working voltage: 60 V rms
 - Power current: ≤ 1 A DC
 - Mechanical data:
 - Mating cycles: ≥25
 - Engagement force: ≤75 N
 - Retention force latch: ≥ 110 N
 - Coding efficiency: ≥ 150 N
 - Environmental data:
 - Temperature range: -40°C TO +105°C
 - Water tightness: IPX7&IPX9K

TABLE:

7	Wire seal	SILICONE RUBBER	LIGHT BLUE	1
6	Peripheral seal	SILICONE RUBBER	RED	1
5	Crimping ferrule	COPPER ALLOY	TIN/NICKEL	4
4	Outer contact	COPPER ALLOY	TIN/NICKEL	4
3	Dielectric	PP	WHITE	4
2	Center contact	COPPER ALLOY	GOLD/TIN	4
1	Housing	PBT	SEE SHEET 2	1
ITEM	PART NAME	MATERIAL	PLATING/COLOR	Q'TY

APPROVED:

CUSTOMER P/N:

CHECKED:

REV. : A0

CHECKED:

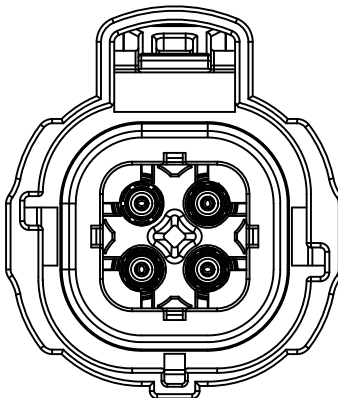
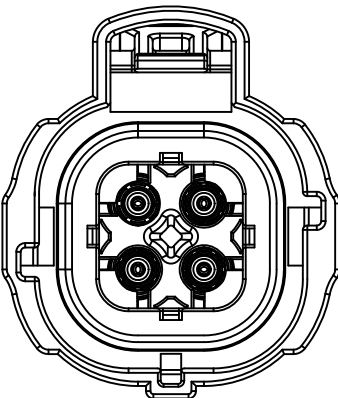
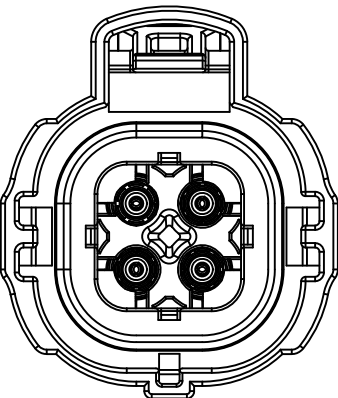
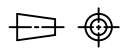
SCALE: 3:1

DRAWING:

DATE: 2025-07-28

TITLE: Quad MINI FAKRA FEMALE(国标) FOR RG174、RTK031 CONNECTOR(Waterproof)	
DRAWING NO.	TOLERANCES ARE: DECIMALES ANGLES
ORDER NO. 805030-00-020~021	.x ±0.5 x.° ±5.0° .xx ±0.3 x.° ±3.0°
THIRD ANGLE PROJECTION	UNITS: mm SHEET: 1 OF 3
SIZE: A4	

A				B				http://www.sz-signal.com				C				D				E				F											
NOTICE: RoHS				ALL PARTS MUST MEET TO RoHS REQUIREMENTS				CUSTOMER OUTLINE DRAWING				REV. A0				DESCRIPTION FIRST EDITION				ECN NO. N/A				NAME XU				DATE 2025/08/09							
 CODING A CODING B CODING Z																																			
RG174/Dacar462 CABLE:																SIGNAL[®] RF								TITLE: Quad MINI FAKRA FEMALE(国标) FOR RG174 CONNECTOR(Waterproof)											
Z				Waterblue				sim. 5021				805030-00-020-Z				APPROVED:				CUSTOMER P/N:				DRAWING NO.				TOLERANCES ARE:							
B				White				sim. 9010				805030-00-020-B				CHECKED:				REV. : A0				ORDER NO.				DECIMALES ANGLES							
A				Black				sim. 9005				805030-00-020-A				CHECKED:				SCALE: 4:1				SEE TABLE				.x ±0.5 x.° ±5.0°							
CODING				COLOR				RAL				ORDER NO.				DRAWING:				DATE: 2025-08-09				THIRD ANGLE PROJECTION				UNITS: mm				SIZE: A4			
																								SHEET: 2 OF 3											
A				B				http://www.signal-connector.com				C				D				E				F											

A				B				http://www.sz-signal.com				C				D				E				F																							
NOTICE: RoHS 				ALL PARTS MUST MEET TO RoHS REQUIREMENTS				CUSTOMER OUTLINE DRAWING				REV. A0				DESCRIPTION FIRST EDITION				ECN NO. N/A				NAME XU				DATE 2025/08/09																			
																																															
CODING A																CODING B																CODING Z															
RTK031/Dacar302:																								TITLE: Quad MINI FAKRA FEMALE(国标) FOR RTK031 CONNECTOR(Waterproof)																							
Z				Waterblue				sim. 5021				805030-00-021-Z				APPROVED:				CUSTOMER P/N:				DRAWING NO.								TOLERANCES ARE: DECIMALES ANGLES															
B				White				sim. 9010				805030-00-021-B				CHECKED:				REV. : A0				ORDER NO.								.x ±0.5 x.° ±5.0°															
A				Black				sim. 9005				805030-00-021-A				CHECKED:				SCALE: 4:1				SEE TABLE								.xx ±0.3 x.° ±3.0°															
CODING				COLOR				RAL				ORDER NO.				DRAWING:				DATE: 2025-08-09				THIRD ANGLE PROJECTION 								UNITS: mm				SIZE: A4											
SHEET: 2 OF 2																																															
A				B				http://www.signal-connector.com				C				D				E				F																							