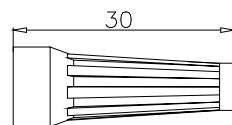
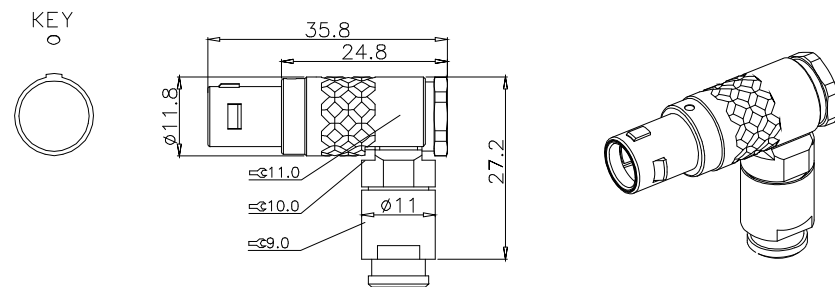


DESCRIPTION: 1B // QUIK-LOQ // M // RA CABLE MOUNT // SOLDER CUP



COLLET SIZE CHART	
COLLET SIZE:	CABLE DIAMETER:
52	4.80 ~ 5.20
57	5.30 ~ 5.70
62	5.80 ~ 6.20

821BRYY-173LYY1

SERIES _____
POSITIONS _____
YYY = SEE POSITION CHART
GENDER _____
1 = MALE
TYPE _____
7 = CABLE MOUNT
SHELL PLATING _____
3 = NICKEL/CHROME
COLLET SIZE* _____
52
57
62
*SEE "COLLET SIZE CHART"
CONTACT PLATING _____
1 = 7μ" GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING: BRASS, 196u" NICKEL PLATED MIN.
SHELL & COLLET NUT: BRASS, 196u" CHROME PLATED MIN.
CONTACTS: 7u" GOLD PLATED BRASS OVER 196u" NICKEL MIN.
INSULATOR: PPS (HIGH TEMPERATURE)
STRAIN RELIEF (BOOT): THERMOPLASTIC POLYURETHANE

MECHANICAL:

MATING CYCLES: 5000 CYCLES
OPERATING TEMPERATURE: -40°C TO +200°C
PROCESS TEMPERATURE: 260°C FOR 5 SECONDS
SHIELDING: 75dB @ 10MHz // 40dB @ 1GHz
IP RATING: 50
MAX TORQUE VALUE: 1.2 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS						
*solder side view of insulator						
POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
02		1.30mm	5.0 mΩ	500 V	15.0 A	20
03		1.30mm	5.0 mΩ	430 V	12.0 A	20
04		0.90mm	6.0 mΩ	430 V	10.0 A	22
05		0.90mm	6.0 mΩ	415 V	9.0 A	22
06		0.70mm	7.5 mΩ	350 V	7.0 A	22
07		0.70mm	7.5 mΩ	315 V	7.0 A	22
08		0.70mm	7.5 mΩ	315 V	5.0 A	22
10		0.50mm	10.0 mΩ	300 V	2.5 A	28
14		0.50mm	10.0 mΩ	260 V	2.0 A	28

RoHS COMPLIANT



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DRAWN:
J. KADEL

DATE:
08/15/2025

UNITS = mm

DO NOT SCALE FROM DRAWING

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SCALE:
NTS

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