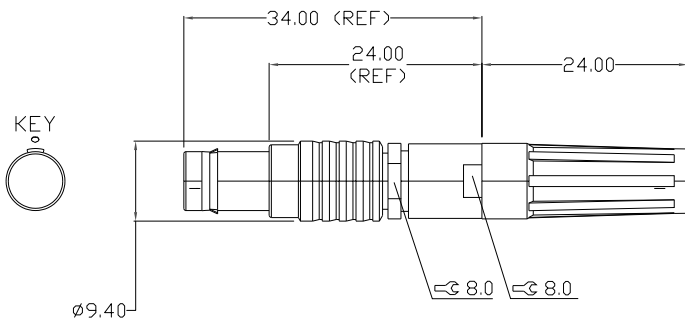
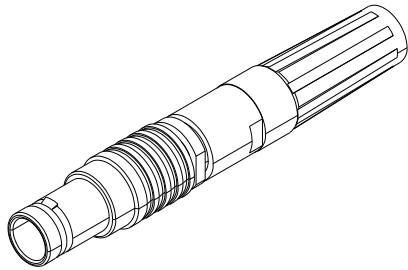


DESCRIPTION: 0B // QUIK-LOQ // M // CABLE MOUNT // SOLDER CUP



POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS

*solder side view of insulator

POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
002		0.90mm	6.0 mΩ	330 V	10.0 A	22
003		0.90mm	6.0 mΩ	400 V	8.0 A	22
004		0.70mm	7.5 mΩ	280 V	7.0 A	24
005		0.70mm	7.5 mΩ	280 V	6.5 A	24
006		0.50mm	10.0 mΩ	280 V	2.5 A	28
007		0.50mm	10.0 mΩ	260 V	2.5 A	28
009		0.50mm	10.0 mΩ	200 V	2.0 A	28

SPECIFICATIONS:

MATERIALS:

HOUSING:	BRASS
HOUSING PLATING:	196u" NICKEL 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:	0.5 Nm

820BYYY-173LYY1

SERIES _____
POSITIONS _____
YYY = SEE POSITION CHART
GENDER _____
1 = MALE
TYPE _____
7 = CABLE MOUNT
KEY ORIENTATION _____
3 = 1 KEY // 0°
COLLET SIZE* _____
30
40
50
*SEE "COLLET SIZE CHART"
CONTACT PLATING _____
1 = 7μ" GOLD PLATED

COLLET SIZE CHART

COLLET SIZE:	CABLE DIAMETER:
30	2.50 ~ 3.20
40	3.30 ~ 4.20
50	4.30 ~ 5.20

UNITS = mm

DO NOT SCALE FROM DRAWING



THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF NorComp AND SHALL NOT BE REPRODUCED, COPIED OR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS WITHOUT WRITTEN PERMISSION.

DRAWN:
M. SIGMON

DATE:
02/03/2016

NorComp

SCALE:
NTS

SHEET 1 OF 1

REV 9

DWG NO.

820BYYY-173LYY1