DESCRIPTION: M12 // Y-SPLITTER // (2X) FEMALE // (1X) MALE // WIRED THROUGH 1 TO 1

FEMALE 45.5REF-M12*1.0 ******** -M12*1.0

NOTE:

MATERIAL

NUT

M12 INSULATOR SPLITTER HOUSING

PVC, UL94V-0, BLACK

GOLD FLASH PLATED BRASS NICKEL PLATED BRASS

PA66, UL94V-0, BLACK

ELECTRICAL

CONTACT

RATED CURRENT

2A(8P) / 4A(4/5P)

VOLTAGE INSULATOR RESISTANCE 30V(8P) / 60V(5P) / 250V(4P) 100 MOhms MIN.

CONTACT RESISTANCE

10 m0hms MAX.

MATING CYCLES

100 CYCLES MIN

ENVIRONMENT

OPERATION TEMPERATURE -40°C TO +85°C

IP RATING

IP67 (UNCOUPLED & COUPLED)

RECOMMENDED TORQUE

0.4Nm TO 0.8Nm

MALE

4 • • 3	4 5 3 1 2	6 5 4 7 0 0 3 1 2	4 3	5 3
A04	A05	A08	D04	B05

MALE

FEMALE

<u> Y58-YYY-FMF</u>R00<u>1</u>

Y58 = M12 Y-SPLIT ADAPTERCONTACT ARRANGEMENT A04 = (3X) 4P A-CODE

A05 = (3X) 5P A-CODEA08 = (3X) 8P A-CODE

D04 = (3X) 4P D-CODEB05 = (3X) 5P B-CODE

GENDER

SERIES

FMF = FEMALE / MALE / FEMALE

CONTACT PLATING

1 = GOLD FLASH

FEMALE

3 0 0 4 0 0 1	3 5 4 0 0 1	4 5 6 3 0 0 7 2 1	3 4 50 0 2 1	3 5 4 0 0 0 2 1
A04	A05	A08	D04	B05

RoHS COMPLIANT



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DATE: 12/20/2021

 $\begin{array}{cc} \text{TOLERANCES} \\ .x & \pm 0.5 \\ .xx & \pm 0.2 \end{array}$ ANGULAR ±1° UNITS = mm

DO NOT SCALE FROM DRAWING



SCALE: SHEET NTS 1 DWG NO. Y58-YYY-FMFR001 REV

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