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PROJECT

PRJ-14-000004825

PART NO.

X-2308323-X

DESCRIPTION

M12 A-CODED F-8 CABLE GLAND CONNECTOR FEMALE

CUSTOMER

GENERAL MARKET

REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A4	REVISED PER ECR-17-005478	14APR2017	KK	SE

Pos1

Pos2

Pos3

Pos4

Pos5

Pos6

Ø-1

Ø-2

6

1

CABLE GLAND

Cu-ALLOY

5

1

DISC

Cu-ALLOY

4

1

DISC HEAD

Cu-ALLOY

3

-

ORDERED SEPARATELY

Cu-ALLOY GOLD-PLATED

2

1

CONTACT HOLDER

PA (THERMOPLAST)

1

1

FRONT HOUSING

Cu-ALLOY NICKEL-PLATED

SL. NO.

QTY

DESCRIPTION

MATERIAL

M12 A-CODED F-8 CABLE GLAND FEMALE CONNECTOR

15,5

50

19

49

M12 A-8 FEMALE CABLE CLAMP RANGE FROM 4-6.5 mm

M12 A-8 FEMALE CABLE CLAMP RANGE FROM 5.5-9 mm

SL. NO.

TE PART NO.

DESCRIPTION

CONTACTS

Ø-1

Ø-2

1

1-2308323-1

M12 A-CODED F-8 CABLE GLAND CONNECTOR FEMALE 4-6.5 mm

8

4-6 mm

4-6.5 mm

2

1-2308323-2

M12 A-CODED F-8 CABLE GLAND CONNECTOR FEMALE 5.5-9 mm

8

4-7 mm

5.5-9 mm

SHIELD DISC CHART

PART NAME	CENTER HOLE SHIELD DISC	CABLE DIAMETER W/O OUTER SHEATH
SHIELD DISC 1	4 mm	3.9 mm MAX.
SHIELD DISC 2	5 mm	4.9 mm MAX.
SHIELD DISC 3	6 mm	5.9 mm MAX.
SHIELD DISC 4	7 mm	6.9 mm MAX.

CONTACTS TABLE

M12 CODING	PIN/SOCKET	PICTURE	WIRE SIZE	TE P/N	DESCRIPTION
A8 CODING	REC		AWG22	1-2314101-1	M12 CRIMP CONTACT SOCKET 0.8mm Au 0.8µ
			AWG26	1-2314101-2	M12 CRIMP CONTACT SOCKET 0.8mm Au 0.8µ

PLEASE NOTE: CONTACTS NEED TO BE ORDERED SEPARATELY DEPENDING ON THE AWG SIZE.

NOTES:

-ALL DIMENSIONS ARE FOR NOMINAL REFERENCE ONLY.

-PACKAGING: 1 PIECE IN A BAG.

-THE CONNECTOR IS AS PER IEC 61076-2-101.

-TEMPERATURE RANGE: -40°C TO 85°C.

-VIBRATION & SHOCK TEST CONDUCTED AS PER IEC 61373:1999.

-FIRE PERFORMANCE CONDUCTED AS PER EN45545-2, NFF16-101 AND NFF16-102.

-THE THREAD OF THE MATING INTERLACE WITH THE COUNTERPART IS M12x1

ACCORDING TO IEC61076-2-101.

-SUPPLIER RECOMMENDED CRIMP INSERT: SHOULD BE VALIDATED ON CABLE USED.

-SHIELD DISC 1 - 4 ARE SUPPLIED IN THE BOX.

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DIMENSIONS: mm

MATERIAL

TOLERANCES UNLESS OTHERWISE SPECIFIED: DIN ISO 2768 m

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

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DWN KIRAN_K 21NOV2016

CHK KIRAN_K 21NOV2016

APVD S_EGBERT 21NOV2016

PRODUCT SPEC 108-156001

APPLICATION SPEC 114-156002

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME M12 A-CODED F-8 CABLE GLAND CONNECTORS FEMALE

SIZE A2

CAGE CODE 00779

DRAWING NO C=2308323

RESTRICTED TO

SCALE NTS

SHEET 1 OF 1

REV A4

2308323

ISO VIEW