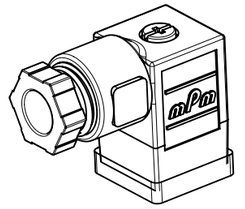
S05 SERIES MATRIX

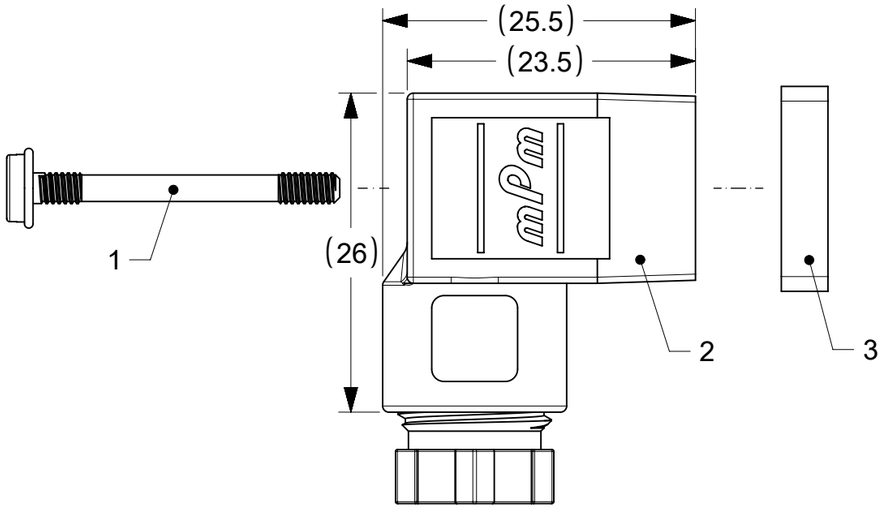
S	0	5	2	0	7	T	A	1	2	2	*	*

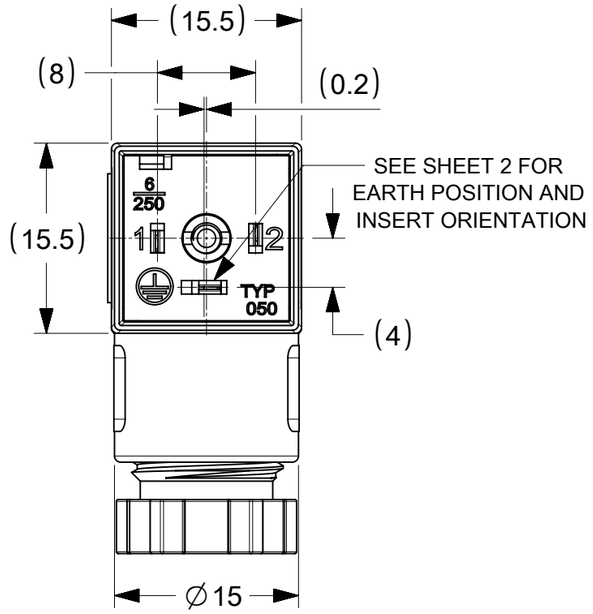
- SERIES: S05- INTERNAL THREAD FORM C
- POLES: 2-2 POLE
- THREAD: 07-PG7 M2-M12X1.5
- MATERIAL AND HOUSING COLOUR: T-TRANSPARENT
- CIRCUIT: SEE DETAILS IN CATALOGUE
- VOLTAGE: SEE DETAILS IN CATALOGUE
- SCREW AND GASKET: 1- NBR PROFILE GASKET & SCREW; 2- NBR FLAT GASKET & SCREW
- NON STANDARD COMPONENTS: 14-PACKED IN NEUTRAL BAG SA-UL LISTED



SCALE 1:1

SEE TABLE 1 FOR GASKET TYPES AND SCREW.

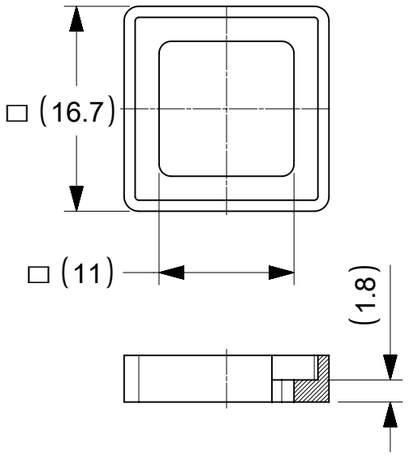
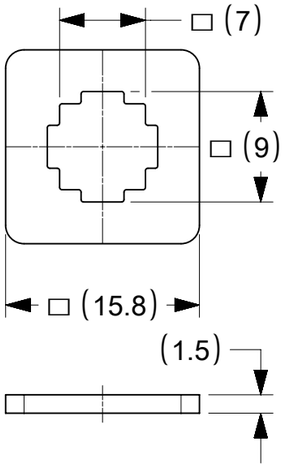
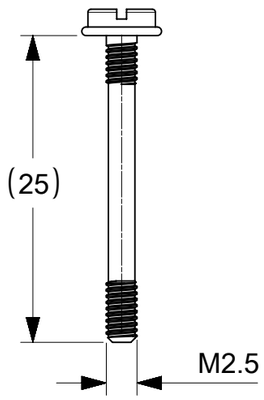




GASKET HIDED FOR CLARITY

ITEM	DESCRRIPTION/OPIS
1	SCREW
2	COVER+INSERT ASSEMBLY
3	GASKET

TABLE 1

PROFILED GASKET	FLAT GASKET	SCREW M2.5x25
		

TECHNICAL SPECIFICATION:

OPERATING CURRENT: 10A
CONTACT RESISTANCE: <15 mOhms MAX.

OPERATING TEMPERATURE:
NBR GASKET: -40° TO +90°C
SILICONE GASKET: -40° TO +125°C

DOCUMENT STATUS	P1	RELEASE DATE	2019/03/19 10:06:46

SYMBOLS: ▽ = 0; ▽ = 0; ▽ = 0; ▽ = 0; ▼ = 0; ▽ = 0; ☒ = 0; ■ = 0; ▽ = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS: mm; SCALE: 2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	±	1.0 °
4 PLACES	±	
3 PLACES	±	
2 PLACES	±	0.05
1 PLACE	±	0.3
0 PLACES	±	0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: INITIAL RELEASE

EC NO: 613943
DRWN: MDHARMANTI 2018/12/03
CHK'D: RSILLER 2019/03/19
APPR: RSILLER 2019/03/19

INITIAL REVISION:
DRWN: MDHARMANTI 2018/12/03
APPR: RSILLER 2019/03/19

THIRD ANGLE PROJECTION | DRAWING: A3-SIZE | SERIES: 121064

molex

S052 PG07 TRANS XV LED & VDR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210640168	PSD	000	A

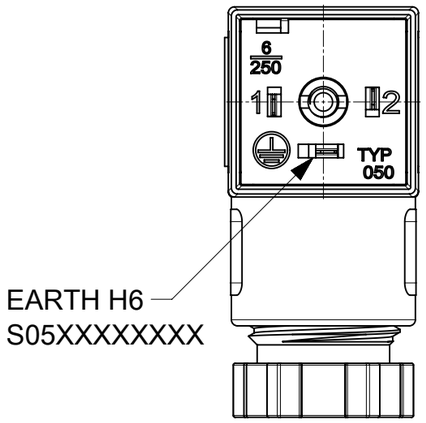
MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
SEE PART LIST	GENERAL MARKET	1 OF 2

FORMAT: molex B size A3
REVISION: H
DATE: 2018/01/16

PART LIST AND BOM

ENGINEERING NO.	MOLEX P/N	EARTH	CIRCUIT	VOLTAGE	INDICATOR
S05207TA122	1210640159	H6	A1	24V	RED LED
S05207TA142	1210640160	H6	A1	115V	RED LED
S05207TA152	1210640161	H6	A1	230V	RED LED
S05207TC3H1	1210640165	H6	C3	24V	AMBER LED
S05207TC421	1210640167	H6	C4	24V	RED LED
S05207TC422	1210640168	H6	C4	24V	RED LED
S05207TC442	1210640171	H6	C4	115V	RED LED
S05207TC452	1210640172	H6	C4	230V	RED LED
S05207TC4B2	1210640173	H6	C4	24V	GREEN LED
S05207TC4H2	1210640179	H6	C4	24V	AMBER LED
S05207TC4L2	1210640181	H6	C4	115V	AMBER LED
S05207TC4H1	1210641253	H6	C4	24V	AMBER LED
S05207TA121	1210641318	H6	A1	24V	RED LED
S05207TC422SA	1210641351	H6	C4	24V	RED LED
S05207TA1B1	1210641485	H6	A1	24V	GREEN LED
S052M2TC4B1	1210641486	H6	C4	24V	GREEN LED
S05207TA1B2	1210641564	H6	A1	24V	GREEN LED
S052M2TC322	1210641799	H6	C3	24V	RED LED
S05207TC42214	1210650105	H6	C4	24V	RED LED

INSERT ORIENTATION
HOUSING 2 POLES+1 EARTH



DOCUMENT STATUS	P1	RELEASE DATE	2019/03/19 10:06:46

FORMAT: master-tb-prod-A3
REVISION: H
DATE: 2018/01/18

SYMBOLS
▽ = 0
▽ = 0
▽ = 0
▽ = 0
▼ = 0
▽ = 0
☒ = 0
■ = 0
▽ = 0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS	SCALE
mm	2:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL	± 1.0 °
4 PLACES	±
3 PLACES	±
2 PLACES	± 0.05
1 PLACE	± 0.3
0 PLACES	± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

CURRENT REV DESC: INITIAL RELEASE

EC NO: 613943
DRWN: MDHARMANTI 2018/12/03
CHK'D: RSILLER 2019/03/19
APPR: RSILLER 2019/03/19

INITIAL REVISION:
DRWN: MDHARMANTI 2018/12/03
APPR: RSILLER 2019/03/19

molex

S052 PG07 TRANS XV LED & VDR

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
1210640168	PSD	000	A

THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	121064	SEE PART LIST	GENERAL MARKET	2 OF 2