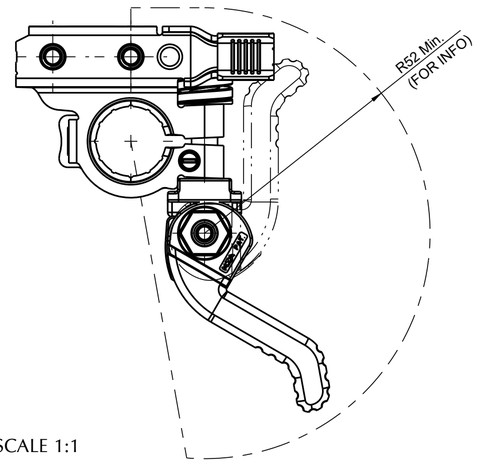
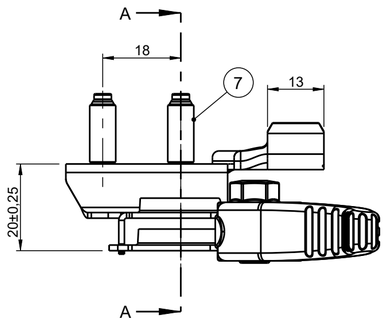
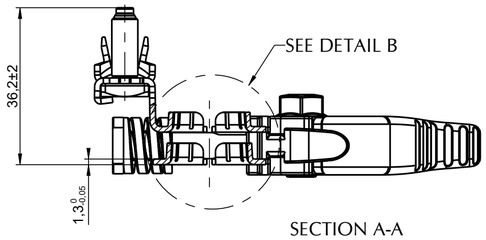
REVISION HISTORY			
REV.	DESCRIPTION	NAME	DATE
4	TABLE UPDATED	P.MANGINI	15.06.05
5	BATTERY POLE DIMENSIONS UPDATED	P.MANGINI	06.10.05
6	DRAWING UPDATED	P.MANGINI	04.04.06
7	DIMENSIONING UPDATED AND NOTE ADDED, RIB GEOMETRY MODIFIED	P.MANGINI	06.07.07
8	ADDED CRIMPING SPEC. FOR 10-16HF (RMP1200179-01 rev.1)	E.ZABAGLIO	31.07.17

OPENING/CLOSING LEVER OVERALL RAY

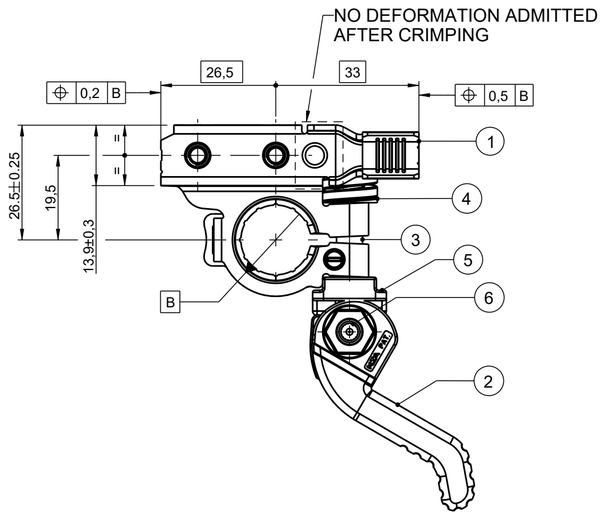


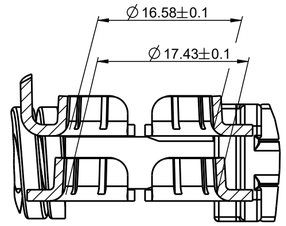
SCALE 1:1





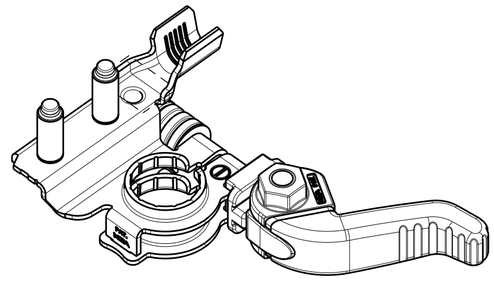
SECTION A-A





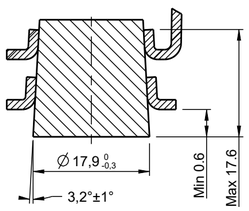
DETAIL B
SCALE 2:1

UNCONTROLLED COPY
in case of drawing updating/revision
NO AUTOMATIC
resubmission will follow



PERSPECTIVE VIEW

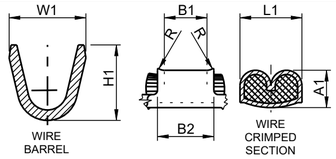
BEST DIMENSION OF BATTERY TERMINAL POSITIONING ON NEGATIVE BATTERY POLE (EN NORM 50342-2 DRAFT 2007-11)



(TAPER 1:9)

SCALE 3:2

CRIMP STATEMENTS



VALUES OBTAINED USING A 7 t PRESS

MTA P/N	RATED CURRENT (A)	Wire sec. (mmq)	CONDUCTOR H1	CONDUCTOR W1	CONDUCTOR A1 ±0.05	CONDUCTOR L1 ±0.2	CONDUCTOR B1	CONDUCTOR B2	TEAR OUT FORCE (N)	CABLE REFERENCE
1507925/1x	100	10	10.8 ±0.3	10.8 ±0.3	5.05	8.15	10.4	MAX 16	>600	
		10HF			4.95	8.18			>600	HIGH FLEX PRYSMIAN P7613421
		15			5.05	8.15			>800	
		16			5.05	8.15			>800	
		16HF			5.45	8.27			>800	HIGH FLEX PRYSMIAN P7613441
		20			5.20	8.20			>800	

NOTE
THE MINIMUM FORCE TO INSTALL THE BATTERY TERMINAL IN THE OPERATION RANGE IS 80N

OPERATING FEATURES		
FEATURES	UNIT	VALUE
T.MIN - T.MAX	°C	-40 / +120
SCREW TORQUE M6 (Pos.7)	Nm	min 4.8 / max 7.2
FLAMABILITY	UL 94	HB
ELECTRICAL RESISTANCE (measured between the positive battery pole and contact area on the clamp)	mΩ	≤ 0.3

POS.	Q.TY	DENOMINATION	MATERIAL
7	2	SCREW M6	Steel Cl. 8.8 (ISO 898) Fe/Zn 7 (ISO 4042)
6	1	PIN	Steel Cl. 8.8 (ISO 898) Fe/Zn 7 (ISO 4042)
5	1	SQUARE WASHER	PBT-GF40 (ISO 1043) COLOR GREY
4	1	SPRING	54SiCr6 (DIN 17223) DELTA SEAL DELTA TONE
3	1	PIVOT	Steel Cl. 8.8 (ISO 898) Fe/Zn 7 (ISO 4042)
2	1	LEVER	PBT-GF40 (ISO 1043) COLOR GREY
1	1	TERMINAL	CuZn33 (EN 1652) TIN PLATED

MTA®

MTA P/N	1507925/1x			Denom.	BATTERY TERM. QR M66(-) DX
Draw No.	B0-249.025E			Used for	SECTION CABLE 10-20 mmq
Draw for	CLIENT			Material	SEE TABLE
	Date	Name	Scale / Weight(g) / Lin.Tol.± / Ang.Tol.±	Coating	-
Draft.	31/10/05	P.MANGINI	1:1 / 68 / 0.5 / 2	Colour	SEE TABLE
Chk	-	-			
Verif.	25/09/17	A.CROTTI			
PQApp	25/09/17	M.ROSSI	A2 / Dimensions in (mm) / Sheet 1/1	Note	
App.	28/09/17	G.SPATARO	CAD Software PTC Creo		

REV. 8