

4

3

2

1

THIS DRAWING IS UNPUBLISHED. RELEASED FOR PUBLICATION  
 © COPYRIGHT - By - ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	J2 REVISED PER ECO-11-005140	28MAR11	RK	HMR

180° OUTSIDE SHIELD

60.71 [2.39]

SCREW LOCK PLUG ASSEMBLY

SHOULDER STUD SCREW QUANTITY 2 5-554954-3 ONLY

M3.5 X 0.6-6g

TAPPED HOLES, SEE TABLE 2 HOLES

180° SREW LOCK INSIDE SHIELD

40.89 [1.61]

11.43 [.45]

13.21 [.52]

HOLE SIZE SEE TABLE 2 HOLES

49.53 [1.95]

74.93±0.25 [2.95±.01]

83.82 [3.30]

- THIS KIT SHIPPED NOT ASSEMBLED.
- MATERIAL: SHIELDS - BRIGHT NICKEL PLATED CARBON STEEL.  
 PLUG HOUSING - POLYPHENYLENE OXIDE, BLACK.  
 TERMINAL - HIGH STRENGTH COPPER ALLOY PLATED WITH 0.76µm [.000030] MIN GOLD OR GOLD FLASH OVER PALLADIUM NICKEL PLATE, 0.76µm [.000030] MIN TOTAL ON MATING SURFACE. 1.27µm [.000050] MIN NICKEL UNDERPLATE OVER ENTIRE TERMINAL.
- WIRE SIZE: 26-27-28 AWG 7 STRANDS OF COPPER CONDUCTORS. MAXIMUM INSULATION DIAMETER OF 1.14 [.045] IS ACCEPTABLE FOR MOST APPLICATIONS.
- CABLE RANGE: Ø8.89-15.88 [.350-.625].
- CENTER-TO-CENTER SPACING OF TERMINALS 2.16 [.085] NOMINAL.
- WIRE SIZE: 24 OR 26 AWG SOLID OR 24 AWG 7 STRANDS OF COPPER CONDUCTORS. MAXIMUM INSULATION DIAMETER OF 1.14 [.045] IS ACCEPTABLE FOR MOST APPLICATIONS.
- DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
- PACKAGED 1 KIT PER POLYBAG.
- BULK PACKAGED 500 KITS PER CONTAINER.
- OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

OBSOLETE	YES	M3.5x0.6-6G	3.56-3.81 [.140-.150]	9	E	3	5-554954-3
	NO	4-40 UNC-2B	3.18-3.43 [.125-.135]	9	B	6	5-554954-2
10 OBSOLETE	NO	4-40 UNC-2B	3.18-3.43 [.125-.135]	9	E	3	5-554954-1
	NO	4-40 UNC-2B	3.18-3.43 [.125-.135]	8	B	6	554954-2
	NO	4-40 UNC-2B	3.18-3.43 [.125-.135]	8	E	3	554954-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T. CANTY 11-APR-86	TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK B. FOX 19-MAY-86		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD B. HUTCHENS 27-MAY-86	NAME	
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	PLUG KIT, 50 POSITION, SCREW LOCK, WITH 4-40 HOLES, SHIELDED CHAMP	
2 PLC ± -	3 PLC ± -	APPLICATION SPEC	SIZE	CAGE CODE
4 PLC ± -	ANGLES ± -		A2	00779
FINISH		WEIGHT	DRAWING NO	RESTRICTED TO
			C=554954	
CUSTOMER DRAWING			SCALE 2:1	SHEET 1 of 1
			REV J2	

1471-9 (3/11)

554954

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[5-554954-2](#)