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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
GP	00	B2	REVISED PER ECO-11-004835	11MAR11	RK HMR

CAPTIVE PAN HEAD SCREW  
19.05 [.75] LONG

4-40 x 6.35 [.25] LONG

90° TAPERED COVER

CABLE CLAMP

97.92 [3.855]

18.78  
[.739]

1. THE CONTACT SURFACES OF THE TERMINALS ARE COATED WITH LUBRICANT.
2. DIMENSIONS ARE MAXIMUM UNLESS OTHERWISE SPECIFIED.
3. MATERIAL: HOUSING AND COVER - POLYPHENYLENE OXIDE.  
CABLE CLAMP - POLYESTER MOLDING COMPOUND.  
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, OVER 1.27µm [.000050] MIN NICKEL UNDERPLATE.  
HARDWARE - ZINC PLATED STEEL.  
DUST COVER - POLYETHYLENE MOLDING COMPOUND.
4. THIS KIT SHIPPED NOT ASSEMBLED.
5. WIRE SIZE: 24 & 26 AWG SOLID & 24/7 STRAND COPPER CONDUCTORS. MAXIMUM INSULATION DIAMETER OF 1.14 [.045] IS ACCEPTABLE FOR MOST APPLICATIONS.
6. CORING MAY OR MAY NOT APPEAR AND IS AT THE DISCRETION OF AMP INCORPORATED.
7. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

33.35  
[1.313]  
ASSEMBLED

17.53  
[.690]

12.58  
[.495]

4.88  
[.192]

15.37  
[.605]

TERMINAL QUANTITY 50

BLUE COLOR DOT LOCATED IN CENTER

PLUG ASSEMBLY

DUST COVER BLUE

74.83 ± 0.36  
[2.946 ± 0.014]

64.28 [2.531]  
MINIMUM

2.16 [.085]  
CENTERS NOMINAL

83.32 [3.280]

4-40 UNC-2B  
2 HOLES

PACKAGING	CABLE RANGE	DUST COVER	COLOR	PART NUMBER
BULK PACKED	ø7.62-8.26 [ø.300-.325]	YES	BLACK	△6-5229912-7
	ø8.89-10.80 [ø.350-.425]	YES	GRAY	6-5229912-4
		NO	BLACK	6-5229912-3
POLY BAGGED	ø10.80-12.70 [ø.425-.500]	YES	BLACK	6-5229912-1
		NO	BLACK	3-5229912-1
	ø8.89-10.80 [ø.350-.425]	YES	BLACK	2-5229912-1
		NO	GRAY	1-5229912-1
		NO	BLACK	5229912-4

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.PETERS 23SEP2005	<b>TE</b> TE Connectivity	
DIMENSIONS: mm [INCHES]		CHK W.MILLHIMES 23SEP05		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.WALMSLEY 23SEP05	NAME	
0 PLC ± -	2	PRODUCT SPEC	PLUG KIT, 50 POSITION, B-SLOT SCREW LOCK WITH TAPERED COVER, CHAMP-LOK	
1 PLC ± -		APPLICATION SPEC	SIZE A2	CAGE CODE 00779
2 PLC ± -		WEIGHT -	DRAWING NO C=5229912	RESTRICTED TO -
3 PLC ± -		FINISH 3	CUSTOMER DRAWING	SCALE 2:1
4 PLC ± -			SHEET 1 of 1	REV B2

1471-9 (3/11)