

3



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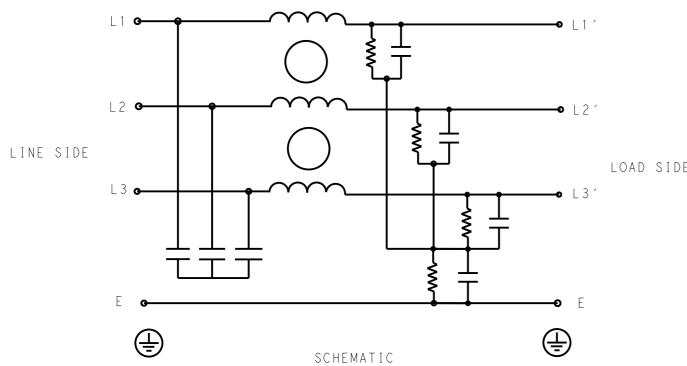
С

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В

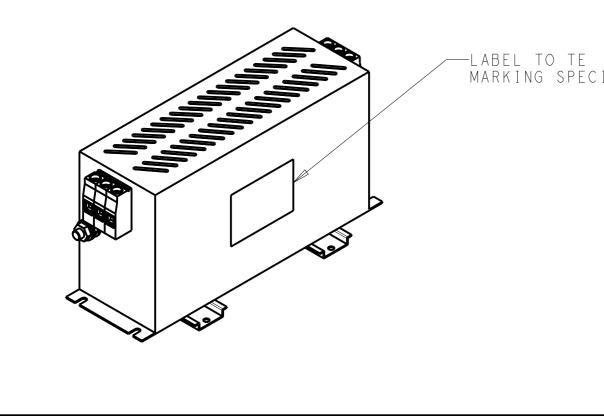
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4



TYPICAL INSERTION LOSS COMMON MODE 50/50 $\Omega$ ; DIFFERENTIAL MODE 50/50 $\Omega$ 

common mode corrows, birrenter mode corrows							/ 0 3 2			
	MHz	0.01	0.05	0.15	0.5	1	3	5	10	30
	СМ	23	32	36	71	67	60	54	30	17
	DM	38	40	45	86	81	68	50	49	35



Ρ	LTR		
	А	INITIAL	RELEAS

<ul> <li>L2'</li> <li>SAFETY_ORGANIZATIONS THE STILTER WILL BE FORMALLY RECOGNIZED, CERTIFIED OR APPROVED BY THE LISTED AGENCY. THERFORE, ALL TEST/REGURIEMENTS SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET:</li> <li>UL APPROVED 75A 440V 50H2/60H2 40°C CSA APPROVED 75A 440V 50H2/60H2 40°C</li> <li>OPERATING SPECIFICATION LINE CURRENT/VOLTAGE: 75A, 440VAC LINE FREQUENCY: 50/60H2</li> <li>MAXIMUM LEAKAGE CURRENT: 10mA @ 230VAC, 50H2</li> <li>MOPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C</li> <li>IN AN AMBIENT, TO, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, IO, IS AS FOLLOWS: IO=ITe</li></ul>		2		1				
0.11*       Image:								
		P				_		
L2: SAFETY ORGANIZATIONS THIS FILTER WILL BE TORMALLY RECORNIZES. CEPTIFIED OR APPROVED BY THE LIST DATACAL, THEREOR, ALL TEST/ACQUITERS & SPECIFIED IN THE LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: LOAD SIDF UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LOAD SIDF UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LOAD SIDF UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LOAD SIDF UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LOAD SIDF LINE OFFICENTION THE FOLLOWING AGENCY STANDARDS WILL BE MET: LOAD SIDF LU L APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LOAD SIDF LINE OFFICENTION THE FOLLOWING AGENCY STANDARDS WILL BE MET: LINE TO FORMATING SECTION TO A ADVIC UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LINE TO FORMALLY RECORDERATING UL APPROVED TSA ZEDY YOUNG AGENCY STANDARDS WILL BE MET: LINE TO FORMAL AMPLET TO A ADVICE TO A ADVIC LINE TO FORMAL AMPLET AND ACC. THE MAXIMUM OPERATING UL AND AMODISCHARCE, NOMINAL: 0.73#F LINE TO EROUND MOMINAL: 0.73#F LINE TO EROUND FOR THE MINITE: ZEDY CLAIPS LINE TO E	D L1'		A INITIAL REL	EASE	07APR2021	SB	СВ	
THIS FILTE WILL BE FORMALLY RECOMPLED, CRETITIED OF APPROVED BY THE LISTED AGENCY THENDION, ALL ISL'NEOWIHMUN'S SPECIFICATION IN THE LISTED AGENCY THE FOLLOWING AGENCY STANDARDS WILL BE MET: LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: UL APPROVED 75A 440V 50H2/60H2 40°C CREATER SPECIFICATION TO A 420V 50H2/60H2 40°C CREATING SPECIFICATION TO COPERATING SPECIFICATION TO CHERNIN/VOI JAD:: 17A, 440VAC LINE FREQUENCY: 50/60H2 MAXIMUM LIAKAGE CURNINI: TOMA & 230VAC, 50H2 OPERATING AMBIENT TEMPTRATURE RANGE & RATED CURRENT, -25°C TO +40°C IN AN AMBIENT, TA, HIGHER THAN 40°C, THE MAXIMUM OFERATING CURRENT, I.G., IS AS FOLLOWS: THE ST SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS TO STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS INNOCTANCE, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND PROFITION HIPOT NO SCHARGE RESISTOR V/G J.R. XXX W/G J.R. XXX								D
THIS FILTE WILL BE FORMALLY RECOMPLED, CRETITIED OF APPROVED BY THE LISTED AGENCY THENDION, ALL ISL'NEOWIHMUN'S SPECIFICATION IN THE LISTED AGENCY THE FOLLOWING AGENCY STANDARDS WILL BE MET: LATEST REVISION OF THE FOLLOWING AGENCY STANDARDS WILL BE MET: UL APPROVED 75A 440V 50H2/60H2 40°C CREATER SPECIFICATION TO A 420V 50H2/60H2 40°C CREATING SPECIFICATION TO COPERATING SPECIFICATION TO CHERNIN/VOI JAD:: 17A, 440VAC LINE FREQUENCY: 50/60H2 MAXIMUM LIAKAGE CURNINI: TOMA & 230VAC, 50H2 OPERATING AMBIENT TEMPTRATURE RANGE & RATED CURRENT, -25°C TO +40°C IN AN AMBIENT, TA, HIGHER THAN 40°C, THE MAXIMUM OFERATING CURRENT, I.G., IS AS FOLLOWS: THE ST SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS TO STORAGE TEMPERATURE: -40°C TO +85°C HUMIDIT: 21 DAYS & 40°C AND 95S RH TEST SPECIFICATIONS INNOCTANCE, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND, NOMINAL: 0.75µF LINE TO GROUND PROFITION HIPOT NO SCHARGE RESISTOR V/G J.R. XXX W/G J.R. XXX								
• L3' UL APPROVED T5A 4409 50H2/60H2 40°C OPERATING SPECIFICATION THE CURRENT/VOLTAGE: 75A, 4409 40°C OPERATING SPECIFICATION I HE CURRENT/VOLTAGE: 75A, 4409 40°C OPERATING AMBIENT TEMPERATURE PARGE © RATED CURRENT: -25°C TO +40°C IN AN AMBIENT, To, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, Io, IS AS FOLLOWS: IO 10 10 AN AMBIENT, To, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, Io, IS AS FOLLOWS: IO 10 10 AN AMBIENT, TO, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, Io, IS AS FOLLOWS: IO 200 HUMIDITY: 21 DAYS © 40°C AND 95% RH IFESTION: INDUCTANCE, NONINAL: 0.35mH CAPACITANCE © THIZ LINE TO GROUND, NOMINAL: 0.35mH CAPACITANCE © THIZ LINE TO GROUND FOR T MINUTE: 253700C LINE TO GROUND FOR THE UNIT IN YOUR EQUIPHENT. THE MINUTE: TO GROUND FOR THE UNIT IN YOUR EQUIPHENT. THE HEST WAY TO SELFCT AND QUALITY A FITTER FOR DIN 35 RAIL INSTALLATION THE HAST WAY TO SELFCT AND QUALITY A FITTER FOR DIN 35 RAIL INSTALLATION THE HAST WAY TO SELFCT AND QUALITY A FITTER FOR DIN 35 RAIL		THIS FILTER W THE LISTED AG	ILL BE FORMALLY ENCY. THEREFORE	, ALL TEST/REQURIEMENTS :	SPECIFIED	ΙN	THE	
LINE CURRENT/VOLTAGE: TSA, 440VAC LINE FREQUENCY: S0760H2 MAXIMUM LEARAGE CURRINT: 10mA Φ 230VAC, 50H2 OPERATING AMBIENT TEMPERATURE RANGE Φ RATED CURRENT: -25°C TO -40°C IN AN AMBIENT, TA, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, IO, IS AS FOLLOWS: TO:Tr √ 35.TS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS Φ 40°C AND 95% RH TEST SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS Φ 40°C AND 95% RH TEST SPECIFICATIONS CAPACITANCE Φ 16H2 LINE TO GROUND, NOMINAL: 0.73µF LINE TO LINE, NOMINAL: 2.2µF DISCHARGE FRISTOR LG 1.R. 680KO 2W L/L 1.R. 3MQ 2W L/L 1.R. TO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC LINE TO LINE TO STIFCT AND QUALIFY A FLITFR IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. HIS DRAWING IS A CONTROLLED DOCUMENT. HIS DRAWING IS A CONTROLLED DOCUMENT.								
• E        OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO +40°C             IN AN AMBIENT, To, HIGHER THAN 40°C, THE MAXIMUM OPERATING             CURRENT, Io, IS AS FOLLOWS:             Io-1r√ <del>83-10</del> Control (0, 10, 10, 10, 10, 10, 10, 10, 10, 10, 1		LINE CURRENT/	VOLTAGE: 75A, 4	4 0 V A C				
OPERATING AMBIENT TEMPERATURE RANGE @ RATED CURRENT: -25°C TO -40°C         IN AN AMBIENT, TG, HIGHER THAN 40°C, THE MAXIMUM OPERATING CURRENT, IG, IS AS FOLLOWS: IO=Ir √ 83.150         No=Ir √ 83.150         STORAGE TEMPERATURE: -0°C TO +80°C HUMIDITY: 21 DAYS @ 40°C AND 95% RH         INDUCTANCE, NOMINAL: 0.35mH         CAPACITANCE @ IKHZ LINE TO LINE, NOMINAL: 0.35mH         CAPACITANCE @ IKHZ LINE TO GROUND, NOMINAL: 0.73 µF         DISCHARGE RESISTOR L/G I.R. 680KQ 2W L/I.I.R. 3MC 2W L/N I.R. XXX N/G I.R. XXX         IFICATION         RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR I MINUTE: 2832/DC LINE TO GROUND FOR I MINUTE: 3832/DC LINE TO GROUND FOR I MINUTE: 3832/DC LINE TO GROUND FOR I MINUTE: 1892/DC FILTER APPROXAL THE REFORMATION OFFICE AND OUTLEY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.		MAXIMUM LEAKA	GE CURRENT: 10m	A @ 230VAC, 50Hz				
CURRENT, Io, IS AS FOLLOWS:         Io=1r 2 35 Ta         RELIABILITY SPECIFICATIONS         STORAGE TEMPERATURE: -40°C TO +85°C         HUMDOITS: 21 DAYS @ 40°C AND 95% RH         TEST-SPECIFICATIONS         INDUCTANCE, NOMINAL: 0.35mH         CAPACITANCE @ IKH2         LINE TO ENOUND, NOMINAL: 0.73µF         LINE TO LINE, NOMINAL: 0.73µF         LINE TO LINE, NOMINAL: 2.2µF         DISCHARGE RESISTOR         LINE TO COLSPANE"         INF CO GROUND FOR 1 MINUTE: 2632VDC         LINE TO LINE FOR 1 MINUTE: 2632VDC         LINE TO LINE FOR 1 MINUTE: 1892VDC	_	OPERATING AMB	IENT TEMPERATUR	E RANGE @ RATED CURRENT:	-25°C TO	+40°	С	
RELIABILITY SPECIFICATIONS STORAGE TEMPERATURE: -40°C TO +85°C HUMIDITY: 21 DAYS @ 40°C AND 95% RH         ID       30         10       30         10       10         10       10         10       10         11       11         11       11         12       11         13       11         14       11         15       11         15       11         16       11         17       11         18       11         19       11         11       11         11       11         11       11         11       11         11       11         11       11         11       11         11       11         11       11         11       11         12       30         11       11         12       12         13       12         14       11         15       12         14       12         15       12         16			S AS FOLLOWS:		RATING			С
10       30         10       17         10       17         10       17         19       35         INDUCTANCE, NOMINAL: 0.35mH         CAPACITANCE @ 1kHz LINE TO GROUND, NOMINAL: 0.73µF         DISCHARGE RESISTOR L/G I.R. 880KΩ 2W L/L I.R. 3MΩ 2W L/L I.R. 3MΩ 2W L/L I.R. 3MΩ 2W L/L I.R. XXX N/G I.R. XXX IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MΩ         IFICATION         RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC         IFICATION         IFICATION         MECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR 1 MINUTE: 2632VDC         IFICATION OF THE MAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.         OWER SEPECIFIED: MMMENTERIAL OF THE SECTION OF THE UNIT IN YOUR EQUIPMENT.         IFIC 4:0:0 PROVIDE SPECIFIED: MMMENTERIAL OF THE SECTION SECC         MATERIAL OF TH		STORAGE TEMPE	RATURE: -40°C T(	) +85°C				
30       17         19       35         CAPACITANCE @ 1kHz LINE TO GROUND, NOMINAL: 0.73µF LINE TO LINE, NOMINAL: 2.2µF         DISCHARGE RESISTOR L/G I.R. 680KQ 2W L/L I.R. 3MQ 2W L/L I.R. 3MQ 2W L/L I.R. 7.XXX N/G I.R. XXX IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ         IFICATION         RECOMMENDED RECEIVING INSPECTION HIPOT LINE TO GROUND FOR I MINUTE: 2632VDC LINE TO LINE FOR I MINUTE: 1892VDC         FILTER APPROVAL THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.         OWMAPAT SAHAS OTHERMISE SPECIFIED: MM         OWAPAT SAHAS OTHERMISE SPECIFIED: MM         OTHERMISE SPECIFIED: MATERIAL         MATERIAL         MATERIAL         MATERIAL								
L/G I.R. 680KQ 2W         L/L I.R. 3MQ 2W         L/L I.R. 3MQ 2W         L/N I.R. XXX         N/G I.R. XXX         IR (NO DISCHARGE RESISTOR) 20°C, 50% RH AND 100VDC, MIN: 6MQ         IFICATION         RECOMMENDED RECEIVING INSPECITION HIPOI LINE TO GROUND FOR 1 MINUTE: 2632VDC         LINE TO LINE FOR 1 MINUTE: 1892VDC         FILTER APPROVAL THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.         THIS DRAWING IS A CONTROLLED DOCUMENT.         DIMENSIONS:         OTAPR2021         CHRIS BOLLE CHRIS BOLL SPEC         OTAPR2021         MAME         OPPLC         POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM         APPLICATION SPEC         APPLICATION SPEC         APPLICATION SPEC         APPLICATION SPEC         POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM         APPLICATION SPEC	30 17	CAPACITANCE @ LINE TO GROUN	1kHz D, NOMINAL: 0.7	3 µ F				
LINE TO GROUND FOR I MINUTE: 2632VDC         LINE TO LINE FOR I MINUTE: 1892VDC         FILTER APPROVAL         THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR         ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT.         THIS DRAWING IS A CONTROLLED DOCUMENT.         DIMENSIONS:         TOLERANCES UNLESS OTHERWISE SPECIFIED:         OTHERWISE SPECIFIED:         OTHERWISE SPECIFIED:         OTHERWISE SPECIFIED:         OPLC         PLC		L/G I.R. 680K. L/L I.R. 3M. L/N I.R. XXX N/G I.R. XXX	$\Omega$ 2W $\Omega$ 2W	0°C, 50% RH AND 100VDC, M	1ΙΝ: 6MΩ			В
THE BEST WAY TO SELECT AND QUALIFY A FILTER IS FOR YOUR ENGINEERING TO TEST THE UNIT IN YOUR EQUIPMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. THIS DRAWING IS A CONTROLLED DOCUMENT. DIMENSIONS: TOLERANCES UNLESS OTHERWISE SPECIFIED: MMM O PLC ±- I PLC ±0.5 2 PLC ±0.40.40 A PLC ±0.130 4 PLC ±0.130	IFICATION	LINE TO GROUN	D FOR 1 MINUTE:	2632VDC				
DIMENSIONS:       TOLERANCES UNLESS OTHERWISE SPECIFIED:       CHRIS BOLLE APVD       OTAPR2021 CHRIS BOLLE       NAME         mm       0 PLC ±- 1 PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±-       0 PLC ±- - 2 PLC ±0.0500 ANGLES ±-       NAME       POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION 75KEMS10ABSDDM       POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION       POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION		THE BEST WAY	TO SELECT AND Q		OUR			
DIMENSIONS:       TOLERANCES UNLESS OTHERWISE SPECIFIED:       CHRIS BOLLE APVD       O7APR2021 OTAPR2021       NAME         MMM       0 PLC ±- I PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±-       0 PLC ±- I PLC ±0.0500 ANGLES ±-       POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION       POWER LINE FILTER FOR DIN 35 RAIL INSTALLATION         MATERIAL       FINISH       WEIGHT -       A3 00779       C=8-1609967-9       -	THIS DRAWING IS A CONTROL	LED DOCUMENT. DWN RAPAT S	07APR2021					
mm       otherwise specified:       APVD       OTAPR2021       NAME         OPLC       ±-         IPLC       ±0.5         2 PLC       ±0.40         3 PLC       ±0.130         4 PLC       ±0.0500         ANDLES       ±-         FINISH       WEIGHT         FINISH       WEIGHT         Chrame       State         State       SHEET		ERANCES UNLESS CHRIS B	BOLLE		Connectivit	у		
MATERIAL     FINISH     WEIGHT     A     A     O<	OTHE MM 0 PLC 1 PLC 2 PLC	RWISE SPECIFIED: ±- ±0.5 ±0.40	D	IN 35 RAIL INSTALLATI	ON			Д
	4 PLC ANGLES	±0.0500 ±	SPEC SIZE	CAGE CODE DRAWING NO		RESTRIC -	TED TO	
	-	- CUSTOMER	1 1 🗸	SCALE SL	IEET 1 OF 2	REV	΄ Α	

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F	C 2020 TE Connectivity. All Rights Reserved.			REVISIONS		
D	NOTE 1 GROUND CONNECTION: FOR ELECTRICAL SAFETY AND FILTER PERFOR UNIT MUST HAVE A GOOD GROUND CONNECTION TORQUE OUTER TERMINAL SCREWS: 2-2.2Nm / TORQUE GROUND NUTS: 3.5-6Nm	MANCE 18 -19.8 in.lbs	P	LTR DESCRIPTION SEE SHEET 1	DATE DWN APVD	D
	NOTE 2 INPUT OUTPUT CONNECTION TERMINAL AWG SIZE: 12-8 AWG WIRE SECTION: 16 mm <sup>2</sup> THREADED BOLT SIZE FOR GROUND: M8					
	NOTE 3 SUPPLIED WITH DIN RAIL BRACKET					
	NOTE 4 DRAWINGS SHOWS DIN RAIL FOR REFEERENCE ONLY					
C			SEL DIN RAIL CHANNEL		<u>in 35 bracket</u>	C
В	F	RONT SIDE				В
A	70-19 (3/13)		IS A CONTROLLED DOCUMENT. TOLERANCES UNLESS OTHERWISE SPECIFIED: O PLC ±- I PLC ±0.5 2 PLC ±0.40 3 PLC ±0.130 4 PLC ±0.0500 ANGLES ±- FINISH CUSTOMER	- A 300779 C 8-16099	RESTRICTED TO	A

